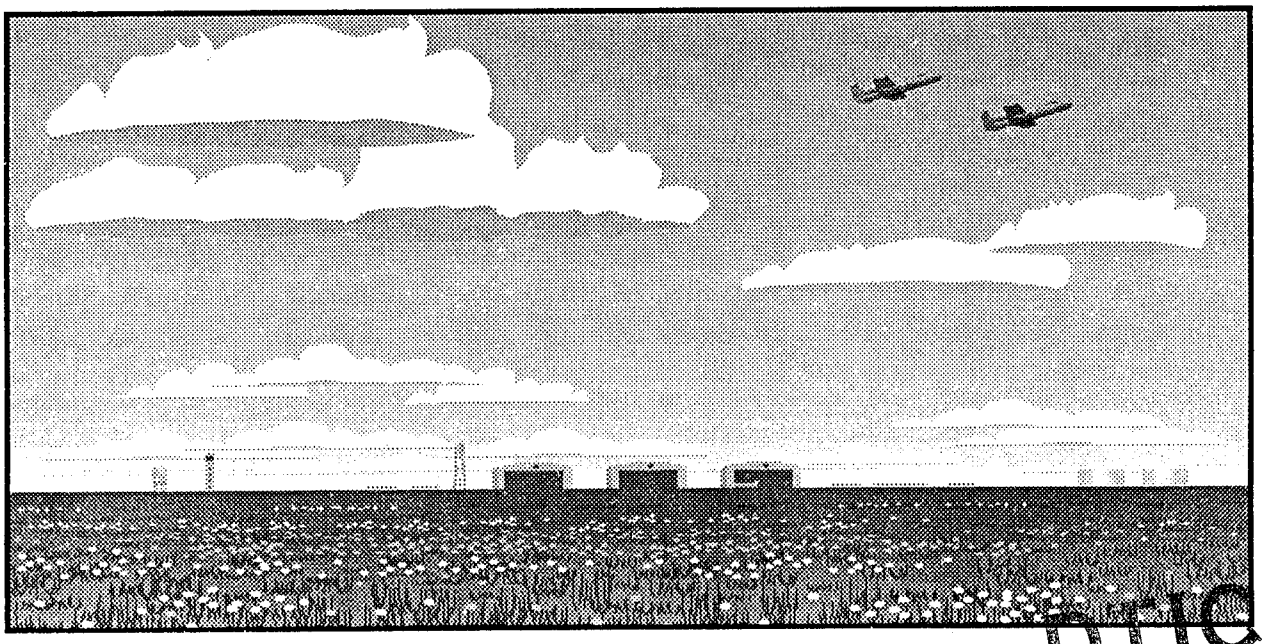
Installation Restoration Program (IRP) - Stage 3

Data Summary
July - September 1994



for McClellan AFB, California

Prepared for:
McClellan AFB/EM
McClellan AFB, California 95652-5990

United States Air Force
Air Force Center for Environmental Excellence
Environmental Services Office
Environmental Restoration Division (AFCEE/ESR))
Brooks Air Force Base, Texas 78235-5000

Final

NOVEMBER 1994

INSTALLATION RESTORATION PROGRAM (IRP)
STAGE 3

GROUNDWATER SAMPLING AND ANALYSIS PROGRAM
JULY THROUGH SEPTEMBER 1994
DATA SUMMARY

FINAL COPY

FOR

McCLELLAN AFB/EM
McCLELLAN AFB, CALIFORNIA 95652-5990

November 1994

PREPARED BY:

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Environmental Restoration Division (AFCEE/ESR)
Brooks AFB, Texas 78235-5000

NOTICE

This report has been prepared for McClellan Air Force Base (AFB) to aid in the implementation of a final remedial action plan under the Air Force Installation Restoration Program (IRP). As this data summary relates to actual or possible releases of potentially hazardous substances, its release prior to an Air Force final decision on remedial action is in the public's interest. The limited objectives of this data summary, the ongoing nature of the IRP, and the evolving knowledge of site conditions and chemical effects on the environment and on human health all must be considered when evaluating this data summary, since subsequent facts may become known that make this data summary premature or inaccurate. Acceptance of this data summary in performance of the contract under which it is prepared does not mean that the Air Force adopts the conclusions, recommendations, or other views expressed herein, which are those of the contractor only and do not necessarily reflect the official position of the Air Force.

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This data summary presents the results of groundwater sampling activities conducted on and in the vicinity of McClellan Air Force Base during the sampling period of July through September 1994. Concentrations of one or more contaminants equaled or exceeded state and/or federal drinking water standards in 95 wells (83 monitoring wells, 11 extraction wells, and one extraction well composite). These wells are located in Sectors A, B, C, and D.

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PREFACE

Radian Corporation is the contractor for the IRP, Stage 3 Remedial Investigation/ Feasibility Study (RI/FS) at McClellan AFB, California. This work was performed for the Air Force Center for Environmental Excellence, Environmental Services Office, Environmental Restoration Division (AFCEE/ESR) under Air Force Contract No. F33615-90-D-4013, Delivery Order 0003.

This data summary presents and summarizes the Groundwater Sampling and Analysis Program results for July through September 1994. The data includes analytical results from monitoring and extraction well groundwater samples and from groundwater-level data measured from on- and off-base wells.

Radian would like to acknowledge the cooperation of the McClellan AFB Office of Environmental Management Restoration (EMR). In particular, Radian acknowledges the assistance of Mr. Kevin Wong of EMR. Mr. Wong was the Contracting Officer's Technical Project Manager.

Approved: Thomas F. Cudzilo

Thomas F. Cudzilo, RG
Technical Peer Reviewer

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1.0 DATA SUMMARY

In support of ongoing Remedial Investigation/Feasibility Study (RI/FS) activities at McClellan Air Force Base (AFB), California, Radian Corporation (Radian) personnel measure water levels and collect and analyze groundwater samples from selected on- and off-base wells on a quarterly basis. This data summary provides, in tabular form, analytical results for samples collected during the July through September 1994 (Third Quarter [3Q94]) sampling effort. Data are provided in the following 10 tables:

- Table 1 — Sampling Schedule;
- Table 2 — Quarterly Groundwater-Level Data;
- Table 3 — Master Log of Wells Sampled;
- Table 4 — Wells Containing Analytes at Concentrations Equal to or Exceeding State and Federal Drinking Water Standards;
- Table 5 — Ambient Blanks with Associated Well Samples;
- Table 6 — Trip Blanks with Associated Well Samples;
- Table 7 — Summary of Quality Control Results for Blanks;
- Table 8 — Summary of Quality Control Results for Duplicates;
- Table 9 — Summary of Quality Control Results for Spikes; and
- Table 10 — Summary of Qualified Data.

Six monitoring zones (A through F) divide the groundwater regime by depth and lithology beneath McClellan AFB. The base and adjacent off-base areas are also divided into six geographic sectors, designated A through F (Figure 1). Results are presented by zone and sector to support review and data use.

In July 1994, groundwater levels were measured in 307 wells (250 monitoring wells, 50 piezometers, and 7 extraction wells). The locations of all wells and piezometers are shown on Plate 1; water-level elevations are provided in Table 2. Potentiometric-surface contours and estimated trichloroethene concentration isopleths are shown on Plates 2, 3, 4, and 5.

Radian personnel collected groundwater samples from 95 locations between 01 July and 05 August 1994. The locations included 83 monitoring wells, 11 extraction wells, and one composite sample of 6 Sector D extraction wells (EWs) (EW-73, EW-83, EW-84, EW-85, EW-86, and EW-87) from the Sector D pipeline.

Groundwater samples were analyzed by Radian Analytical Services (Austin, Texas) using United States Environmental Protection Agency (U.S. EPA) *Test Methods for Evaluating Solid Waste, Third Edition*, Physical/Chemical Methods SW846 (U.S. EPA, 1986). Selected samples were analyzed for the following analytes:

- Halogenated volatile organic compounds (HVOCs) using Method SW8010;
- Aromatic volatile organic compounds (VOCs) using Method SW8020;
- Volatile organic compounds (VOCs) using Method SW8240; and
- Metals using Methods SW6010, SW7060, SW7421, SW7470, and SW7740.

Ninety-four (94) locations (82 monitoring wells, 11 extraction wells, and one composite of 6 extraction wells) were sampled for Method SW8010 analyses during 3Q94. Method SW8020 analyses were performed on 68 samples (from 56 monitoring wells, 11 extraction wells, and one composite of 6 extraction wells), and Method SW8240 analyses were performed on 9 samples (from 9 monitoring wells). Analysis by Methods SW6010, SW7060, SW7421, SW7470, and SW7740 were performed on 54 samples (from 42 monitoring wells, 11 extraction wells, and one composite and 6 extraction wells) that were filtered during collection to remove suspended solids. The analytical results are summarized in Table 3.

Table 4 presents the Above Action Level List for samples in which one or more contaminants equaled or exceeded either the federal or California Maximum Contaminant Levels (MCLs) or the California Action Levels for drinking water. Samples from 38 monitoring wells, 11 extraction wells, and one composite from 6 extraction wells exceeded standards for either organic or inorganic analytes. Nine lead samples analyzed for Method 6010 exceeded federal or California MCLs; however, the concentrations of lead in the nine samples did not exceed MCLs when analyzed by Method SW 7421, which is the lead-specific method.

The quality control (QC) data presented in this report have been evaluated according to the quality assurance objectives in the final McClellan AFB Quality Assurance Project Plan (QAPP) (Radian, 1992). These objectives represent accuracy and precision performance goals for each analytical method. The results of the QC sample analyses are summarized in Tables 5 through 10, and the quality assessment for each method summarized below.

Method SW7740: Historically, the Method SW7740 matrix spike recoveries have indicated that a systematic interference is present, resulting in a potential low bias. Fifty percent of the matrix spike recoveries for 3Q94 were below the project recovery limits. When

the matrix spike recovery is low, Method of Standard Additions is used to correct for matrix effects. The method was performed on 37 out of 54 well samples and provided valid results. Therefore, no sample results are qualified. The low matrix spike recoveries are systematic, and samples associated with matrix spikes that had acceptable recoveries have the potential for low bias.

Performance Evaluation Samples: Performance Evaluation (PE) samples are used to assess analytical accuracy and to evaluate the laboratory's ability to correctly identify, quantitate, and report known concentrations of analytes typically detected in the groundwater samples collected for this project. The PE samples results provide a point-in-time evaluation of data quality related to the program QA objectives. Results for PE samples submitted to Radian laboratory for analysis by Method SW8010 and Method SW6010 are the following:

SW8010/8020: The manufacturer (ERA) diluted the sample by a factor of 100 prior to analysis in order to achieve concentrations comparable to those routinely found at McClellan AFB; therefore, only the certified spike levels were used for comparison.

Eleven of the 14 analyte concentrations detected in the sample were within the acceptable spike recovery limits defined in the McClellan AFB QAPP. Two of the remaining three (chlorobenzene and 1,1,2-trichloroethane) were not detected above the laboratory detection limits. The remaining analyte, xylene, was detected at greater than two times the spike concentration. Therefore, there is potentially a high bias in xylene results.

SW6010: All of the analyte concentrations were within the acceptable recovery limits defined in the McClellan AFB QAPP and by ERA. Antimony results could not be assessed because the true value of the PE sample was below the detection limit.

Data Impact: The true evaluation sample concentrations for chlorobenzene and 1,1,2-trichloroethane were within five times the detection limit. Because of greater variability in results near the instrument detection limits, nondetection of these compounds is not unusual; there should be no impact on sample results for these compounds.

Xylene is rarely detected in McClellan AFB GSAP samples, and none of the xylene results for this quarter were above action levels. The impact on the data set is negligible. No results are qualified based on PE sample results.

Although individual sample results required qualification (113 analyte measurements from a total of 5,490), the remaining analytical data were unqualified. Ninety-eight percent of the data produced are valid, and the completeness objective was met for the 3Q94 sampling event.

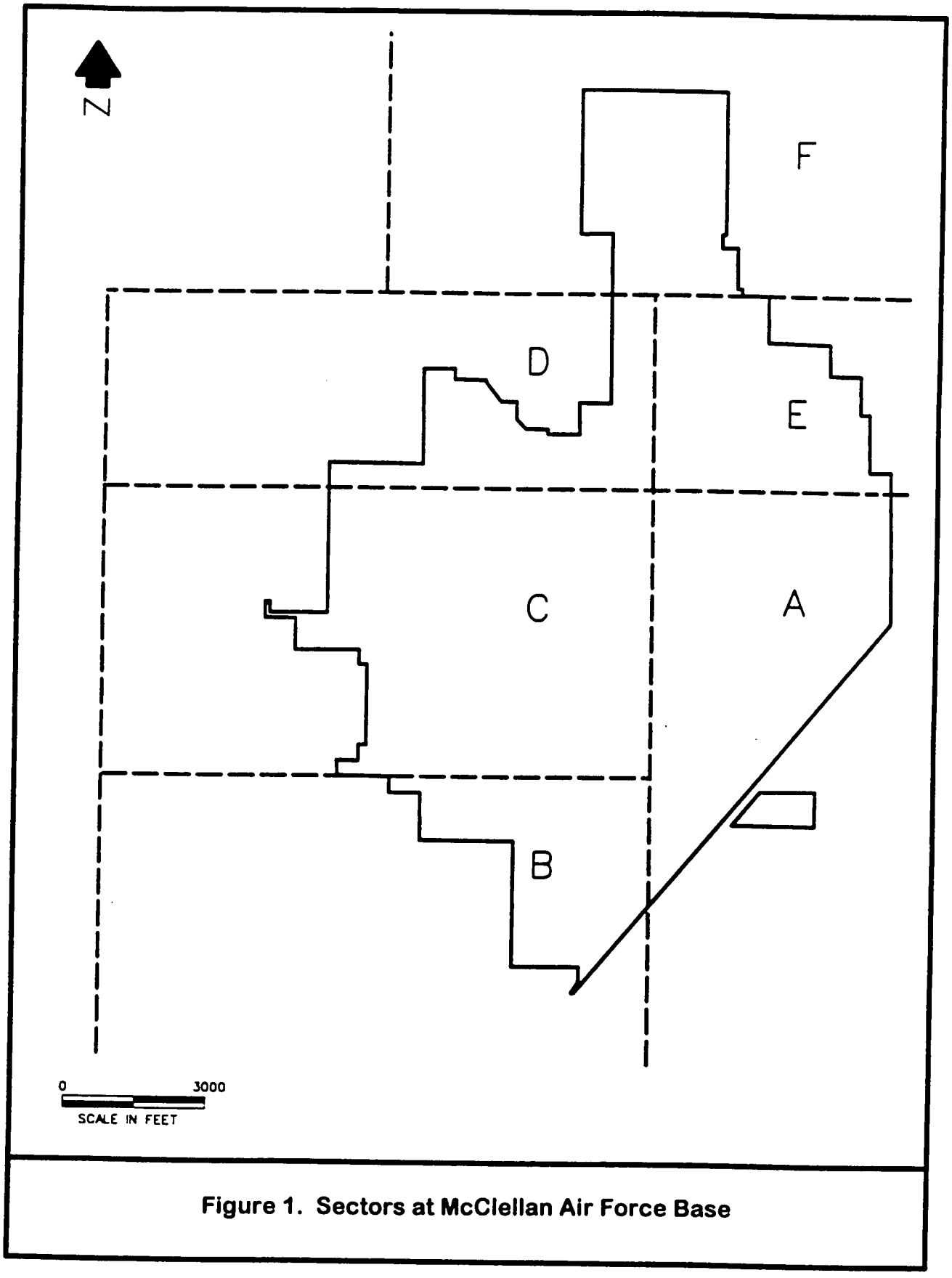

Figure 1. Sectors at McClellan Air Force Base

VRL 4093 SECTORS 2/08/94

TABLE 1. SAMPLING SCHEDULE
GROUNDWATER SAMPLING AND ANALYSES PROGRAM,
SECOND QUARTER 1994 THROUGH FOURTH QUARTER 1994,
McCLELLAN AIR FORCE BASE

	2Q94 (COMPLETED)			3Q94 (CURRENT)				4Q94 (PROPOSED)			
Well Number	Method 8010	Method 8020	Methods 6010,7060 7421,7470 7740	Method 8010	Method 8020	Methods 6010,7060 7421,7470 7740	Method 8240	Method 8010	Method 8020	Methods 6010,7060 7421,7470 7740	Method 8240
PN-1								X	X	X	
PN-2								X	X	X	
CW-1								X	X	X	
CW-2								X	X	X	
EC-1	X	X	X	X	X	X		X	X	X	
EFF-GWC								X	X	X	
EW-63	X	X	X	X	X	X		X	X	X	
EW-73				X	X	X		X	X	X	
EW-83	X	X	X	X	X	X		X	X	X	
EW-84	X	X	X	X	X	X		X	X	X	
EW-85	X	X	X	X	X	X		X	X	X	
EW-86	X	X	X	X	X	X		X	X	X	
EW-87	X	X	X					X	X	X	
EW-137	X	X	X	X	X	X		X	X	X	
EW-140	X	X	X	X	X	X		X	X	X	
EW-141				X	X	X		X	X	X	
EW-144	X	X	X	X	X	X					
EW-233				X	X	X					
EW-234								X	X	X	
EW-246											
EW-247											
EW-250											
EW-251											
EW-253											
EW-254											
MW-5	X	X	X								
MW-6											
MW-7											
MW-10	X	X	X								
MW-11				X	X	X					
MW-12				X	X	X					
MW-13											
MW-14	X	X	X					X	X	X	
MW-15				X	X	X					
MW-16D	X	X	X					X	X	X	
MW-17S											
MW-17D	X	X	X					X	X	X	
MW-18D	X	X	X					X	X	X	
MW-19D								X			
MW-20D											
MW-21D											
MW-22D											
MW-23D				X				X			

TABLE 1.

	2Q94			3Q94				4Q94			
Well Number	Method 8010	Method 8020	Methods 6010,7060 7421,7470 7740	Method 8010	Method 8020	Methods 6010,7060 7421,7470 7740	Method 8240	Method 8010	Method 8020	Methods 6010,7060 7421,7470 7740	Method 8240
MW-24D											
MW-25S											
MW-25D											
MW-26D								X			
MW-27D								X			
MW-28D	X	X							X		
MW-29D											
MW-31S											
MW-33S											
MW-36S											
MW-38D	X	X	X								
MW-39S											
MW-40S											
MW-41S	X		X					X		X	
MW-44S									X		
MW-49S	X	X	X								
MW-51											
MW-52				X	X	X					
MW-53	X	X	X								
MW-54	X	X	X								
MW-55											
MW-56											
MW-57											
MW-58								X			
MW-59				X		X					
MW-60	X	X									
MW-61											
MW-62				X							
MW-63											
MW-64				X		X		X			
MW-65											
MW-66						X					
MW-68											
MW-70	X	X	X								
MW-71											
MW-72											
MW-74											
MW-75											
MW-76											
MW-88				X	X	X					
MW-89	X	X	X								
MW-90	X	X	X								

TABLE 1.

	2Q94			3Q94				4Q94			
Well Number	Method 8010	Method 8020	Methods 6010,7060 7421,7470 7740	Method 8010	Method 8020	Methods 6010,7060 7421,7470 7740	Method 8240	Method 8010	Method 8020	Methods 6010,7060 7421,7470 7740	Method 8240
MW-91				X	X	X					
MW-92											
MW-100	X	X	X								
MW-101								X	X	X	
MW-102	X							X	X	X	
MW-103								X	X	X	
MW-104											
MW-105											
MW-106											
MW-107											
MW-108	X	X	X								
MW-109											
MW-110											
MW-111	X										
MW-112											
MW-115											
MW-117											
MW-118											
MW-119											
MW-120											
MW-121											
MW-122											
MW-123											
MW-124											
MW-125											
MW-126				X	X	X					
MW-127				X	X	X					
MW-128									X		
MW-129									X		
MW-130											
MW-131									X		
MW-132											
MW-133	X	X	X								
MW-134									X		
MW-135	X	X	X						X	X	
MW-136	X	X	X						X	X	
MW-138	X	X	X								
MW-139				X	X	X					
MW-142	X	X	X								
MW-143				X	X						
MW-145											
MW-146											

TABLE 1.

Well Number	2Q94 Method 8010	2Q94 Method 8020	2Q94 Methods 6010,7060 7421,7470 7740	3Q94 Method 8010	3Q94 Method 8020	3Q94 Methods 6010,7060 7421,7470 7740	3Q94 Method 8240	4Q94 Method 8010	4Q94 Method 8020	4Q94 Methods 6010,7060 7421,7470 7740	4Q94 Method 8240
MW-147											
MW-148				X	X			X		X	
MW-149	X	X							X		
MW-150	X			X		X	X	X			
MW-151	X										
MW-152	X			X				X			
MW-153	X		X	X		X	X	X		X	
MW-154				X				X			
MW-155											
MW-156											
MW-157				X	X	X	X	X			
MW-158				X	X	X		X			
MW-159				X	X	X		X			
MW-160									X		
MW-161											
MW-162				X							
MW-163								X			
MW-164	X	X	X						X	X	
MW-165											
MW-166											
MW-167											
MW-169	X			X				X			
MW-170	X	X									
MW-171											
MW-172											
MW-173											
MW-174	X	X									
MW-175	X	X									
MW-176	X	X							X		
MW-177											
MW-178	X	X	X						X		
MW-179	X										
MW-180											
MW-181								X			
MW-182		X	X								
MW-183											
MW-184											
MW-185											
MW-186									X		
MW-187											
MW-188								X			
MW-189											

TABLE 1.

	2Q94			3Q94				4Q94			
Well Number	Method 8010	Method 8020	Methods 6010,7060 7421,7470 7740	Method 8010	Method 8020	Methods 6010,7060 7421,7470 7740	Method 8240	Method 8010	Method 8020	Methods 6010,7060 7421,7470 7740	Method 8240
MW-190											
MW-191	X	X							X		
MW-192											
MW-193											
MW-194	X							X	X	X	
MW-195								X	X	X	
MW-196								X	X	X	
MW-197	X			X	X			X	X	X	
MW-198	X										
MW-199	X	X									
MW-200											
MW-201	X	X	X								
MW-202											
MW-203									X		
MW-204											
MW-205				X	X						
MW-206											
MW-207											
MW-208											
MW-209									X		
MW-210	X		X	X	X			X	X		
MW-211									X		
MW-212	X	X		X	X			X	X		
MW-213				X	X			X			
MW-214	X	X	X						X	X	
MW-215									X	X	
MW-216											
MW-217											
MW-218	X			X	X			X	X		
MW-219											
MW-220				X	X						
MW-221											
MW-222	X		X	X				X			
MW-223											
MW-224											
MW-225											
MW-226											
MW-227				X							
MW-228	X	X	X	X	X			X	X		
MW-229	X	X									
MW-230											
MW-231	X	X	X								

TABLE 1.

	2Q94			3Q94				4Q94			
Well Number	Method 8010	Method 8020	Methods 6010,7060 7421,7470 7740	Method 8010	Method 8020	Methods 6010,7060 7421,7470 7740	Method 8240	Method 8010	Method 8020	Methods 6010,7060 7421,7470 7740	Method 8240
MW-232	X	X	X								
MW-235	X	X	X								
MW-236				X	X	X		X			
MW-237	X		X	X	X	X					
MW-240	X	X	X	X	X	X					
MW-241	X	X	X	X	X	X					
MW-242	X	X	X	X	X	X					
MW-243	X	X	X	X	X	X					
MW-244	X	X	X	X	X	X					
MW-270	X	X	X	X	X	X	X				
MW-271	X	X	X	X	X	X					
MW-272				X	X	X					
MW-280								X	X	X	
MW-281	X	X	X	X	X	X		X	X	X	
MW-282	X	X	X	X	X	X	X	X	X	X	
MW-283	X	X	X	X	X	X		X	X	X	
MW-284	X	X	X	X	X	X		X	X	X	
MW-285	X	X	X	X	X	X	X	X	X	X	
MW-286	X	X	X	X	X	X		X	X	X	
MW-287	X	X	X	X	X	X	X	X	X	X	
MW-288	X	X	X	X	X	X	X	X	X	X	
MW-289	X	X	X	X	X	X	X	X	X	X	
MW-290	X	X	X	X	X	X		X	X	X	
MW-291	X	X	X	X	X	X		X	X	X	
MW-292	X	X	X	X	X	X		X	X	X	
MW-999	X	X	X								
MW-1000				X				X			
MW-1001	X										
MW-1002											
MW-1003	X	X	X								
MW-1004											
MW-1005											
MW-1009											
MW-1010											
MW-1011											
MW-1012								X	X	X	
MW-1013											
MW-1014											
MW-1015				X	X				X		
MW-1016											
MW-1017											
MW-1018	X										
MW-1019	X			X				X			

TABLE 1.

	2Q94			3Q94				4Q94			
Well Number	Method 8010	Method 8020	Methods 6010,7060 7421,7470 7740	Method 8010	Method 8020	Methods 6010,7060 7421,7470 7740	Method 8240	Method 8010	Method 8020	Methods 6010,7060 7421,7470 7740	Method 8240
MW-1020								X			
MW-1021								X	X		
MW-1022				X				X			
MW-1023											
MW-1024								X			
MW-1025								X			
MW-1026								X	X	X	
MW-1027								X	X	X	
MW-1028								X	X	X	
MW-1029											
MW-1030	X	X	X								
MW-1031											
MW-1032				X	X						
MW-1033											
MW-1034	X	X	X								
MW-1035				X							
MW-1036											
MW-1037											
MW-1038											
MW-1039											
MW-1040	X	X	X					X	X	X	
MW-1041								X			
MW-1042								X			
MW-1043								X			
MW-1044	X			X				X			
MW-1045				X	X						
MW-1046				X				X			
MW-1047											
MW-1048											
MW-1049	X		X	X	X			X	X		
MW-1050				X	X						
MW-1051	X	X		X	X			X	X		
MW-1052				X				X			
MW-1053	X			X				X			
MW-1054	X	X		X		X		X			
MW-1055	X	X		X	X						
MW-1056	X	X									
MW-1057	X			X	X			X	X		
MW-1058	X			X				X			
MW-1059				X				X			
MW-1060	X	X		X				X			
MW-1061	X	X	X	X	X			X	X		

TABLE 1.

Well Number	2Q94 Method 8010	2Q94 Method 8020	2Q94 Methods 6010,7060 7421,7470 7740	3Q94 Method 8010	3Q94 Method 8020	3Q94 Methods 6010,7060 7421,7470 7740	3Q94 Method 8240	4Q94 Method 8010	4Q94 Method 8020	4Q94 Methods 6010,7060 7421,7470 7740	4Q94 Method 8240
MW-1062				X	X						
MW-1063								X			
MW-1064			X								
MW-1065				X	X						
MW-1066											
MW-1067	X	X	X								
MW-1068			X	X							
MW-1069	X									X	
MW-1075	X	X	X	X	X	X		X	X	X	
PZ-2205											
PZ-2206											
PZ-2207											

WELL IDENTIFICATION:
CW = Companion Well
EC = Area D Extraction Well Composite
EW = Extraction Well
MW = Monitoring Well
PN = Piezometer Nest
PZ = Piezometer

TABLE 2 QUARTERLY GROUNDWATER-LEVEL DATA,
GROUNDWATER SAMPLING AND ANALYSIS PROGRAM,
JULY THROUGH SEPTEMBER 1994, McCLELLAN AIR FORCE BASE

Well Number(a)	Sector	Groundwater-Level Elevation (feet mean sea level) Current Measurement 3Q94	Previous Measurement 2Q94
A Zone Monitoring Wells:			
MW-5	B	- 53.39	- 51.48
MW-7	B	- 47.31	- 45.37
MW-10	D	- 39.96	- 37.88
MW-11	D	- 39.30	- 37.25
MW-12	D	- 38.92	- 38.10
MW-14	D	- 40.06	- 38.02
MW-15	D	- 39.74	- 37.91
MW-21D	C	- 39.37	- 37.51
MW-25D	B	- 43.00	- 40.41
MW-28D	A	- 36.50	- 35.28
MW-31S	C	(d)	(d)
MW-33S	C	(d)	- 38.14
MW-36S	C	(d)	(d)
MW-41S	B	- 45.33	- 44.88
MW-44S	C	- 38.15	- 37.07
MW-56	D	(d)	- 38.19
MW-60	C	- 38.78	- 37.75
MW-61	C	- 41.34	- 39.86
MW-62	C	(c)	- 36.78
MW-65	B	- 46.27	- 46.42
MW-68	A	- 41.53	- 38.07
MW-72	D	- 40.18	- 38.08
MW-75	C	- 40.15	- 38.33
MW-82	C	(d)	(d)
MW-88	D	- 38.39	- 37.72
MW-89	D	- 39.33	- 38.31
MW-90	D	- 39.19	- 38.17
MW-91	D	- 39.06	- 37.60
MW-92	D	- 38.92	- 37.49
MW-101	E	- 37.13	- 32.27
MW-102	F	- 28.08	- 27.08
MW-106	D	(d)	(d)
MW-107	C	(d)	- 36.11
MW-110	C	- 37.54	- 36.34
MW-111	C	- 38.61	- 38.95
MW-114	C	(d)	(d)
MW-115	C	- 41.01	- 39.26
MW-116	C	(d)	(d)
MW-117	C	- 42.79	- 42.07
MW-120	C	(d)	(e)
MW-123	C	- 49.20	- 43.78
MW-128	C	(d)	- 38.15
MW-129	C	- 40.91	- 38.34

(Continued)

TABLE 2 (Continued)

Well Number(a)	Sector	Groundwater Level Elevation (feet mean sea level) Current Measurement 3Q94	Previous Measurement 2Q94
A Zone Monitoring Wells:			
MW-131	C	(d)	(d)
MW-135	C	- 44.37	- 41.94
MW-139	C	(d)	- 40.29
MW-145	B	- 47.21	- 44.49
MW-150	B	- 48.11	- 46.57
MW-153	B	- 46.03	- 44.81
MW-155	B	- 47.41	- 45.51
MW-157	B	- 45.52	- 44.26
MW-158	B	- 45.31	- 44.33
MW-159	B	- 44.29	- 43.16
MW-160	A	- 36.13	- 34.91
MW-164	B	- 44.80	- 42.56
MW-169	A	- 35.11	- 30.88
MW-172	A	- 35.61	- 33.07
MW-175	B	- 43.47	- 41.27
MW-178	A	- 33.35	- 30.38
MW-182	C	- 42.65	- 40.58
MW-185	E	- 35.83	- 33.00
MW-186	A	- 40.96	- 37.74
MW-188	C	- 37.90	- 36.94
MW-191	B	- 45.34	- 42.82
MW-194	E	- 36.57	- 33.45
MW-197	A	- 38.41	- 36.04
MW-200	B	- 46.77	- 44.93
MW-202	A	- 35.44	- 33.24
MW-203	A	- 39.23	- 36.38
MW-206	C	- 40.29	- 38.01
MW-209	A	- 38.96	- 38.12
MW-210	A	- 33.32	- 29.93
MW-212	A	- 35.43	- 30.71
MW-214	C	- 43.88	- 41.43
MW-217	B	- 47.91	- 46.25
MW-222	A	- 37.04	- 34.45
MW-224	A	- 34.70	- 32.95
MW-226	A	- 37.24	- 31.93
MW-228	A	- 35.91	- 31.78
MW-235	B	- 45.24	- 38.10
MW-236	B	- 45.38	- 44.21
MW-237	B	- 37.37	- 35.82
MW-240	B	- 38.20	- 28.14
MW-241	B	- 40.00	- 38.07
MW-242	B	- 39.81	- 37.98
MW-243	A	- 44.93	- 42.99

(Continued)

TABLE 2 (Continued)

Well Number(a)	Sector	Groundwater Level Elevation (feet mean sea level) Current Measurement 3Q94	Previous Measurement 2Q94
A Zone Monitoring Wells:			
MW-244	A	- 44.63	- 41.94
MW-270	B	- 44.99	- 44.00
MW-271	B	- 46.04	- 44.96
MW-272	B	- 44.62	- 42.54
MW-281	B	- 42.34	- 42.09
MW-282	B	- 46.76	- 45.17
MW-283	B	- 41.87	- 40.21
MW-284	B	- 44.65	- 42.45
MW-285	B	- 45.35	- 43.80
MW-286	B	- 41.04	- 39.96
MW-287	B	- 46.40	- 44.96
MW-288	B	- 46.07	- 44.93
MW-289	A	- 45.53	- 43.86
MW-290	A	- 44.71	- 41.36
MW-291	A	- 45.41	- 42.51
MW-999	C	- 39.46	- 37.53
MW-1002	D	(d)	(d)
MW-1004	D	- 37.98	- 36.11
MW-1005	D	- 38.15	- 36.09
MW-1009	D	(d)	(d)
MW-1011	B	(d)	(d)
MW-1012	F	- 24.47	- 22.93
MW-1013	B	(d)	(d)
MW-1014	A	(d)	(d)
MW-1015	B	- 47.93	- 46.42
MW-1016	B	(d)	- 46.71
MW-1017	C	(d)	(d)
MW-1018	C	- 37.61	- 36.40
MW-1019	D	- 38.18	- 35.21
MW-1020	B	- 48.40	- 45.61
MW-1021	B	(d)	- 47.52
MW-1023	B	- 48.61	- 46.82
MW-1024	B	- 49.07	- 47.23
MW-1026	D	- 36.61	- 35.34
MW-1029	C	- 36.38	- 35.28
MW-1033	C	(d)	(d)
MW-1036	C	- 35.44	- 34.24
MW-1037	A	- 33.05	- 31.17
MW-1041	D	- 37.44	- 35.45
MW-1044	B	- 48.31	- 46.72
MW-1049	B	- 49.76	- 46.85
MW-1053	B	- 50.59	- 47.30
MW-1054	B	- 49.13	- 46.90

(Continued)

TABLE 2 (Continued)

Well Number(a)	Sector	Groundwater Level Elevation (feet mean sea level) Current Measurement 3Q94	Previous Measurement 2Q94
A Zone Monitoring Wells:			
MW-1058	A	- 34.24	- 31.07
MW-1061	A	- 38.15	- 36.45
MW-1064	D	- 38.16	- 35.83
MW-1067	A	- 36.82	- 31.73
MW-1069	B	- 48.96	- 46.75
MW-1075	A	- 44.84	- 41.18
PZ-1	B	(c)	- 45.56
PZ-3	C	- 41.27	- 39.37
PZ-5	C	- 43.52	- 41.05
PZ-8	C	- 40.64	- 38.93
PZ-11	C	- 42.91	- 41.39
PZ-14	C	- 42.40	- 40.27
PZ-15	C	- 41.20	- 38.95
PZ-18	C	- 42.40	- 41.64
PZ-24	C	- 42.80	- 39.11
PZ-25	C	- 41.11	- 38.67
PZ-30	C	- 42.81	- 40.31
PZ-1000	B	- 49.77	- 46.85
AB Zone Monitoring Wells:			
MW-16D	F	- 35.99	- 32.58
MW-17D	F	- 36.66	- 33.26
MW-126	C	- 46.93	- 43.79
MW-1010	D	- 38.47	- 35.87
MW-1042	D	- 37.78	- 35.74
IAB Zone Monitoring Wells:			
MW-38D	D	- 39.93	- 37.85
MW-52	D	- 39.15	- 37.38
MW-53	D	- 39.99	- 38.20
MW-54	D	- 40.30	- 37.61
MW-55	D	- 40.38	- 38.27
MW-57	D	- 40.08	- 38.06
MW-70	D	- 39.46	- 37.75
MW-74	D	- 39.33	- 37.57
MW-76	D	- 38.92	- 37.20
MW-108	C	- 38.66	- 36.60
MW-113	C	- 39.21	- 37.51
MW-124	C	- 47.31	- 41.12
MW-1000	B	- 48.04	- 45.66
MW-1003	D	- 38.03	- 36.12
MW-1034	C	- 41.49	- 40.12

(Continued)

TABLE 2 (Continued)

Well Number(a)	Sector	Groundwater Level Elevation (feet mean sea level) Current Measurement 3Q94	Previous Measurement 2Q94
8 Zone Monitoring Wells:			
MW-18D	D	- 37.29	- 34.56
MW-19D	D	- 38.86	- 36.98
MW-20D	C	- 40.39	- 37.61
MW-22D	C	- 43.33	- 39.40
MW-23D	B	- 53.73	- 48.04
MW-24D	B	- 49.22	- 44.00
MW-26D	A	- 44.83	- 39.14
MW-27D	A	- 40.48	- 35.74
MW-29D	E	- 36.46	- 33.02
MW-51	D	- 39.35	- 37.22
MW-58	D	- 38.96	- 36.78
MW-59	D	- 38.96	- 36.93
MW-64	B	- 53.87	- 49.21
MW-66	B	- 57.04	- 48.86
MW-103	F	- 36.69	- 31.58
MW-104	D	- 38.42	- 36.20
MW-105	D	- 38.94	- 35.94
MW-109	C	- 38.91	- 36.76
MW-112	C	- 39.60	- 37.27
MW-118	C	- 47.45	- 43.64
MW-130	C	- 44.31	- 39.04
MW-134	C	- 45.15	- 41.50
MW-142	C	- 44.62	- 40.44
MW-143	C	- 42.99	- 38.77
MW-146	B	- 48.19	- 44.74
MW-151	B	- 51.67	- 47.45
MW-156	B	- 52.60	- 47.11
MW-165	B	- 46.86	- 43.10
MW-170	A	- 36.21	- 31.33
MW-173	A	- 38.46	- 34.20
MW-176	B	- 47.41	- 41.61
MW-179	A	- 36.96	- 32.37
MW-183	C	- 44.05	- 40.87
MW-189	C	- 38.91	- 36.98
MW-192	B	- 49.05	- 43.76
MW-195	E	- 37.69	- 33.28
MW-198	A	- 45.16	- 38.23
MW-201	B	- 52.20	- 47.57
MW-204	A	- 43.52	- 37.59
MW-207	C	- 42.51	- 38.95
MW-211	A	- 36.11	- 31.39
MW-213	A	- 35.90	- 31.08
MW-215	C	- 45.60	- 41.32

(Continued)

TABLE 2 (Continued)

Well Number(a)	Sector	Groundwater Level Elevation (feet mean sea level) Current Measurement 3Q94	Previous Measurement 2Q94
B Zone Monitoring Wells:			
MW-218	B	- 53.12	- 48.49
MW-220	B	- 47.21	- 41.87
MW-223	A	- 39.25	- 35.12
MW-225	A	- 36.09	- 32.85
MW-227	A	- 37.37	- 31.76
MW-229	A	- 38.47	- 33.51
MW-292	A	- 48.81	- 42.96
MW-1001	D	- 38.26	- 36.00
MW-1022	B	- 58.72	- 51.24
MW-1025	B	- 50.72	- 47.56
MW-1027	D	- 37.63	- 35.98
MW-1028	D	- 38.07	- 35.73
MW-1030	C	- 37.11	- 35.60
MW-1031	C	- 37.60	- 35.74
MW-1032	C	- 37.96	- 36.77
MW-1035	C	- 42.04	- 40.29
MW-1038	A	- 46.07	- 38.32
MW-1043	D	- 38.14	- 35.73
MW-1045	B	- 52.77	- 49.09
MW-1050	B	- 50.42	- 47.00
MW-1055	B	- 50.93	- 47.60
MW-1059	A	- 40.59	- 34.14
MW-1062	A	- 45.31	- 41.10
MW-1065	A	- 36.39	- 31.46
MW-1066	A	- 36.42	- 31.50
MW-1068	A	- 36.95	- 31.83
PZ-2	B	- 52.46	- 47.11
PZ-4	C	- 43.19	- 39.38
PZ-6	C	- 44.83	- 41.02
PZ-12	C	- 44.37	- 40.53
PZ-16	C	- 43.35	- 39.50
PZ-20	C	- 47.09	- 42.64
PZ-22	C	- 42.82	- 38.92
PZ-26	C	- 43.35	- 39.35
PZ-28	C	- 42.96	- 38.68
PZ-31	C	- 44.84	- 40.31
PZ-37	A	- 36.87	- 33.14
PZ-38	A	- 43.44	- 40.42
PZ-1001	B	- 50.53	- 47.05
PZ-2206			
QBC Zone Monitoring Wells:			
PZ-21	C	- 48.38	- 42.86

(Continued)

TABLE 2 (Continued)

Well Number(a)	Sector	Groundwater Level Elevation (feet mean sea level) Current Measurement 3Q94	Previous Measurement 2Q94
QBC Zone Monitoring Wells:			
PZ-32	C	- 46.05	- 40.22
C Zone Monitoring Wells:			
MW-119	C	- 48.32	- 43.50
MW-122	C	- 48.19	- 43.39
MW-125	C	- 41.71	- 43.35
MW-127	C	- 48.15	- 43.24
MW-132	B	- 53.34	- 48.42
MW-133	C	- 46.59	- 41.67
MW-136	C	- 44.60	- 39.61
MW-138	C	- 44.43	- 39.46
MW-147	B	- 49.45	- 44.95
MW-152	B	- 54.70	- 47.86
MW-154	B	- 53.85	- 48.74
MW-161	A	- 43.11	- 36.24
MW-166	B	- 47.68	- 42.77
MW-171	A	- 37.17	- 31.74
MW-174	A	- 39.59	- 34.48
MW-177	B	- 47.74	- 41.57
MW-180	A	- 39.62	- 33.21
MW-181	C	- 45.79	- 40.55
MW-184	C	- 45.38	- 40.63
MW-187	A	- 46.00	- 39.65
MW-190	C	- 41.62	- 37.12
MW-193	B	- 49.23	- 42.49
MW-196	E	- 38.62	- 33.44
MW-199	A	- 45.46	- 38.41
MW-205	A	- 44.94	- 37.92
MW-208	C	- 44.08	- 39.18
MW-216	C	- 46.35	- 41.25
MW-219	B	- 55.12	- 50.16
MW-221	B	- 48.24	- 42.45
MW-1039	A	- 46.28	- 38.36
MW-1040	F	- 43.76	- 34.05
MW-1046	B	- 55.35	- 50.60
MW-1051	B	- 49.54	- 47.26
MW-1056	B	- 53.23	- 48.95
MW-1060	A	- 41.01	- 34.57
MW-1063	A	- 46.66	- 38.31
PZ-7	C	- 45.85	- 40.81
PZ-9	C	- 44.18	- 38.98
PZ-10	C	- 44.42	- 39.54
PZ-13	C	- 45.42	- 40.38

(Continued)

TABLE 2 (Continued)

Well Number(a)	Sector	Groundwater Level Elevation (feet mean sea level) Current Measurement 3Q94	Previous Measurement 2Q94
C Zone Monitoring Wells:			
PZ-17	C	- 44.54	- 39.54
PZ-23	C	- 44.16	- 39.12
PZ-27	C	- 44.38	- 39.54
PZ-29	C	- 43.54	- 38.72
PZ-33	C	- 45.44	- 40.24
PZ-34	C	- 45.58	- 39.88
ICD Zone Monitoring Wells:			
MW-148	B	- 49.31	- 42.56
QCD Zone Monitoring Wells:			
PZ-35	C	- 46.07	- 39.60
D Zone Monitoring Wells:			
MW-149	B	- 48.64	- 41.30
MW-162	C	- 46.27	- 38.77
MW-163	C	- 46.61	- 39.05
MW-167	B	- 47.85	- 40.29
MW-1047	B	- 49.90	- 42.27
MW-1048	B	- 49.93	- 42.15
MW-1052	B	- 49.23	- 41.43
MW-1057	B	- 49.56	- 41.66
PZ-36	C	- 46.56	- 39.05
E Zone Monitoring Wells:			
MW-230	C	- 46.60	- 39.13
MW-231	B	- 47.80	- 39.87
MW-232	B	- 47.66	- 39.83
Extraction Wells			
EW-63	B	(e)	- 45.15
EW-73	D	(d)	- 37.53
EW-83	D	- 43.61	- 38.33
EW-84	D	- 47.94	- 38.14
EW-85	D	- 45.33	- 37.88
EW-86	D	- 42.54	- 37.99
EW-87	D	- 42.12	- 38.00
EW-137	C	(e)	- 39.61
EW-140	C	(e)	(e)
EW-141	C	(e)	(e)
EW-233	B	- 43.94	- 48.57
EW-234	B	- 43.98	- 44.51

TABLE 2 (Continued)

WELL INDENTIFICATION:
- EW = Extraction Well
- MW = Monitoring Well
- PZ = Piezometer

ZONE IDENTIFICATION:
- A = Screened in the A zone (-16.72 to -93.46 ft msl).
- AB = Screened in both the A and B zones (-47.89 to -126.0 ft msl).
- IAB = Screened in an intermediate zone between the A and B zones (-69.51 to -94.61 ft msl).
- QAB = Screened in the aquitard between the A and B zones (-63.84 to -65.84 ft msl).
- B = Screened in the B zone (-50.3 to -149.73').
- BC = Screened in both the B and C zones (-95.86 to -109.65 ft msl).
- QBC = Screened in the aquitard between the B and C zones (-122.18 to -146.05 ft msl).
- C = Screened in the C zone (-117.11 to -213.2 ft msl).
- ICD = Screened in an intermediate zone between the C and D zones (-225.97 to -235.97 ft msl).
- QCD = Screened in the aquitard between the C and D zones (-225.76 to -227.76 ft msl).
- D = Screened in the D zone (-261.69 to -306.95 ft msl).
- E = Screened in the E zone (-327.74 to -365.36 ft msl).

NOTES:
- (a) = The letters 'S' and 'D' associated with monitoring well numbers are part of the well identification notation and do not refer to monitoring zones at McClellan AFB.
- (b) = Unintentionally omitted.
- (c) = Blocked well access.
- (d) = Dry Well.
- (e) = Well casing obstructed.
- 3Q93 = Third Quarter 1993.
- 2Q93 = Second Quarter 1993.
- msl = Mean Sea Level.

TABLE 3 MASTER LOG OF WELLS SAMPLED,
GROUNDWATER SAMPLING AND ANALYSIS PROGRAM,
JULY THROUGH SEPTEMBER 1994, McCLELLAN AIR FORCE BASE

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
EC-1	8010	NS	07/15/94	07/28/94	GCPEA14072715290	1,1,1,2-Tetrachloroethane	8.3	(1.75)		
						1,1,1-Trichloroethane	75	(1.23)		200 MCL
						1,1,2-Trichloroethane	1.1	(0.793)		5.0 MCL
						1,1-Dichloroethane	47	(1.13)		5.0 MCL
						1,1-Dichloroethene	149	(1.52)		6.0 MCL
						1,2-Dichloroethane	11	(0.625)		0.50 MCL
						2-Chloroethylvinylether	1.4 P	(0.485)	J	
						Tetrachloroethene	4.7	(0.466)		5.0 MCL
						Trichloroethene	285	(1.23)		5.0 MCL
						cis-1,2-Dichloroethene	28	(1.09)		6.0 MCL
M3Q9401	8010	FD	07/15/94	07/26/94	GCPEA14072612170	1,1,1,2-Tetrachloroethane	7.8	(1.75)		
						1,1,1-Trichloroethane	76	(1.23)		200 MCL
						1,1-Dichloroethane	48	(1.13)		5.0 MCL
						1,1-Dichloroethene	169	(1.52)		6.0 MCL
						1,2-Dichloroethane	12	(0.625)		0.50 MCL
						Tetrachloroethene	4.7	(0.466)		5.0 MCL
						Trichloroethene	302	(1.23)		5.0 MCL
						cis-1,2-Dichloroethene	29	(1.09)		6.0 MCL
EC-1	8020	NS	07/15/94	07/22/94	GCDEL14072212040	1,2-Dichlorobenzene	6.1 H	(0.117)		130 AL
						1,3-Dichlorobenzene	0.43 H	(0.153)		130 AL
						1,4-Dichlorobenzene	0.58 H	(0.133)		5.0 MCL
						Benzene	0.90 H	(0.0589)		1.0 MCL
						Chlorobenzene	0.21 H	(0.116)		30 AL
M3Q9401	8020	FD	07/15/94	07/23/94	GCDEL14072212040	1,2-Dichlorobenzene	6.3	(0.117)		130 AL
						1,3-Dichlorobenzene	0.43	(0.153)		130 AL
						1,4-Dichlorobenzene	0.60	(0.133)		5.0 MCL
						Benzene	0.86	(0.0589)		1.0 MCL
						Chlorobenzene	0.21	(0.116)		30 AL
EC-1	6010	NS	07/15/94	08/11/94	EMJA614081120300	Barium	0.066	(0.0009)		1.0 MCL
						Calcium	20 B	(0.0175)		
						Copper	0.023	(0.0092)	J	1.3 MCL
						Lead	0.039	(0.0216)		0.015 MCL
						Magnesium	14	(0.0479)		
						Manganese	0.026	(0.0016)		
						Nickel	0.024	(0.0141)		0.10 MCL
						Sodium	22	(0.0401)		
						Vanadium	0.022	(0.0045)		
M3Q9401	6010	FD	07/15/94	08/11/94	EMJA614081120300	Barium	0.064	(0.0009)		1.0 MCL
						Calcium	19 B	(0.0175)		
						Chromium	0.0060	(0.0052)		0.050 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
M3Q9401	6010	FD	07/15/94	08/11/94	EMJA614081120300	Magnesium	14	(0.0479)		
						Manganese	0.020	(0.0016)		
						Nickel	0.015	(0.0141)		0.10 MCL
						Potassium	1.1	(0.822)		
						Sodium	21	(0.0401)		
						Vanadium	0.024	(0.0045)		
EC-1	7060	NS	07/15/94	08/10/94	AAZ3__4081003190	Arsenic	0.0020	(0.0006)		0.050 MCL
M3Q9401	7060	FD	07/15/94	08/10/94	AAZ3__4081003190	Arsenic	0.0023	(0.0006)		0.050 MCL
EC-1	7421	NS	07/15/94	08/10/94	AAZ3__4081007090	Lead	ND	(0.001)		0.015 MCL
M3Q9401	7421	FD	07/15/94	08/10/94	AAZ3__4081007090	Lead	ND	(0.001)		0.015 MCL
EC-1	7470	NS	07/15/94	07/20/94	AAZ4__4072017370	Mercury	ND	(0.000033)		0.0020 MCL
M3Q9401	7470	FD	07/15/94	07/20/94	AAZ4__4072017370	Mercury	ND	(0.000033)		0.0020 MCL
EC-1	7740	NS	07/15/94	08/11/94	AAZ3__4081111290	Selenium	0.0039 S	(0.0006)	J	0.010 MCL
EW-63	8010	NS	07/27/94	08/08/94	GCPEA14080810580	1,1-Dichloroethane	0.35 H	(0.113)		5.0 MCL
						1,1-Dichloroethene	0.24 H	(0.152)		6.0 MCL
						1,2-Dichloroethane	0.44 H	(0.0625)		0.50 MCL
						Chloroform	0.82 H	(0.0754)		100 PMCL
						Methylene Chloride	0.066 H	(0.0652)		5.0 MCL
						Trichloroethene	36 H	(0.123)		5.0 MCL
						cis-1,2-Dichloroethene	20 H	(0.109)		6.0 MCL
EW-63	8020	NS	07/27/94	08/05/94	GCKAY14080502060	No Analytes Detected	ND			
EW-63	6010	NS	07/27/94	08/17/94	EMJA614081709300	Barium	0.072	(0.0009)		1.0 MCL
						Calcium	20 B	(0.0175)		
						Chromium	0.0077	(0.0052)		0.050 MCL
						Copper	0.021	(0.0092)		1.3 MCL
						Iron	0.027	(0.0045)		
						Lead	0.028	(0.0216)		0.015 MCL
						Magnesium	16	(0.0479)		
						Potassium	2.2	(0.822)		
						Sodium	18	(0.0401)		
						Vanadium	0.024	(0.0045)		
						Zinc	0.046	(0.004)		
EW-63	7060	NS	07/27/94	08/17/94	AAZ3__4081709000	Arsenic	0.0025	(0.0006)		0.050 MCL
EW-63	7421	NS	07/27/94	08/13/94	AAZ2__4081308300	Lead	0.0028	(0.0022)		0.015 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
EW-63	7470	NS	07/27/94	08/03/94	AAZ4__4080319360	Mercury	ND	(0.000033)		0.0020 MCL
EW-63	7740	NS	07/27/94	08/17/94	AAZ4__4081717000	Selenium	ND	(0.0018)		0.010 MCL
EW-73	8010	NS	07/28/94	08/09/94	GCPEA14080810580	1,1,1-Trichloroethane	152	(6.15)		200 MCL
						1,1-Dichloroethane	102	(5.65)		5.0 MCL
						1,1-Dichloroethene	1820	(7.6)		6.0 MCL
						1,2-Dichloroethane	7.5	(3.12)		0.50 MCL
						Tetrachloroethene	4.7	(2.33)		5.0 MCL
						Trichloroethene	346	(6.15)		5.0 MCL
						Trichlorofluoromethane	21 B	(7.5)		150 AL
						Vinyl Chloride	165	(6.6)		0.50 MCL
						cis-1,2-Dichloroethene	69	(5.45)		6.0 MCL
EW-73	8020	NS	07/28/94	08/08/94	GCKAY14080810140	1,2-Dichlorobenzene	3.1	(0.0485)		130 AL
						1,3-Dichlorobenzene	0.29	(0.0184)		130 AL
						1,4-Dichlorobenzene	1.8	(0.0416)		5.0 MCL
						Benzene	2.4	(0.0425)		1.0 MCL
						Chlorobenzene	0.17	(0.0653)		30 AL
						Ethylbenzene	0.56	(0.0404)		680 MCL
						Toluene	29	(0.0548)		
						Total Xylenes	4.9	(0.0721)		1750 MCL
EW-73	6010	NS	07/28/94	08/18/94	EMJA614081709300	Barium	0.086	(0.0009)		1.0 MCL
						Calcium	22 B	(0.0175)		
						Copper	0.011	(0.0092)		1.3 MCL
						Iron	1.5 B	(0.0045)		
						Magnesium	16	(0.0479)		
						Manganese	0.79 B	(0.0016)		
						Nickel	0.017	(0.0141)		0.10 MCL
						Potassium	0.84	(0.822)		
						Sodium	18 B	(0.0401)		
						Vanadium	0.016	(0.0045)		
EW-73	7060	NS	07/28/94	08/17/94	AAZ3__4081709000	Arsenic	0.012	(0.0006)		0.050 MCL
EW-73	7421	NS	07/28/94	08/13/94	AAZ2__4081308300	Lead	ND	(0.0022)		0.015 MCL
EW-73	7470	NS	07/28/94	08/03/94	AAZ4__4080319360	Mercury	ND	(0.000033)		0.0020 MCL
EW-73	7740	NS	07/28/94	08/17/94	AAZ4__4081717000	Selenium	ND	(0.0018)		0.010 MCL
EW-83	8010	NS	07/28/94	08/09/94	GCPEA14080913470	1,1,1-Trichloroethane	18	(3.08)		200 MCL
						1,1-Dichloroethene	604	(3.8)		6.0 MCL
						Methylene Chloride	8.6 PB	(1.63)		5.0 MCL
						Tetrachloroethene	4.7	(1.16)		5.0 MCL
						Trichloroethene	127	(3.08)		5.0 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
EW-83	8010	NS	07/28/94	08/09/94	GCPEA14080913470	Trichlorofluoromethane	5.7 B	(3.75)		150 AL
EW-83	8020	NS	07/28/94	08/08/94	GCKAY14080810140	No Analytes Detected	ND			
EW-83	6010	NS	07/28/94	08/18/94	EMJA614081709300	Barium	0.044	(0.0009)		1.0 MCL
						Calcium	15 B	(0.0175)		
						Chromium	0.0096	(0.0052)		0.050 MCL
						Copper	0.012	(0.0092)		1.3 MCL
						Magnesium	11	(0.0479)		
						Potassium	0.94	(0.822)		
						Sodium	17 B	(0.0401)		
						Vanadium	0.029	(0.0045)		
EW-83	7060	NS	07/28/94	08/17/94	AAZ3__4081709000	Arsenic	0.0037	(0.0006)		0.050 MCL
EW-83	7421	NS	07/28/94	08/13/94	AAZ2__4081308300	Lead	ND	(0.0022)		0.015 MCL
EW-83	7470	NS	07/28/94	08/03/94	AAZ4__4080319360	Mercury	ND	(0.000033)		0.0020 MCL
EW-83	7740	NS	07/28/94	08/17/94	AAZ4__4081717000	Selenium	ND	(0.0018)		0.010 MCL
EW-84	8010	NS	08/01/94	08/10/94	GCPEA14080913470	1,1,1-Trichloroethane	45	(3.08)		200 MCL
						1,1-Dichloroethane	93	(2.82)		5.0 MCL
						1,1-Dichloroethene	683	(3.8)		6.0 MCL
						1,2-Dichloroethane	51	(1.56)		0.50 MCL
						Methylene Chloride	20 B	(1.63)		5.0 MCL
						Trichloroethene	649	(3.08)		5.0 MCL
						Trichlorofluoromethane	12 B	(3.75)		150 AL
						Vinyl Chloride	45	(3.3)		0.50 MCL
						cis-1,2-Dichloroethene	58	(2.72)		6.0 MCL
EW-84	8020	NS	08/01/94	08/09/94	GCKAY14080912020	1,2-Dichlorobenzene	6.4	(0.0485)		130 AL
						1,3-Dichlorobenzene	0.56	(0.0184)		130 AL
						1,4-Dichlorobenzene	1.2	(0.0416)		5.0 MCL
						Benzene	2.1	(0.0425)		1.0 MCL
						Chlorobenzene	0.57	(0.0653)		30 AL
						Ethylbenzene	0.22	(0.0404)		680 MCL
						Toluene	8.5	(0.0548)		
						Total Xylenes	1.5	(0.0721)		1750 MCL
EW-84	6010	NS	08/01/94	08/23/94	EMJA614082312300	Barium	0.14	(0.0009)		1.0 MCL
						Calcium	32 B	(0.0175)		
						Copper	0.015	(0.0092)		1.3 MCL
						Iron	0.20 B	(0.0045)		
						Magnesium	25	(0.0479)		
						Manganese	0.50	(0.0016)		
						Nickel	0.017	(0.0141)		0.10 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
EW-84	6010	NS	08/01/94	08/23/94	EMJA614082312300	Potassium	1.8	(0.822)		
						Sodium	23	(0.0401)		
						Vanadium	0.025	(0.0045)		
EW-84	7060	NS	08/01/94	08/16/94	AAZ3__4081617300	Arsenic	0.0044	(0.0006)		0.050 MCL
EW-84	7421	NS	08/01/94	08/17/94	AAZ1__4081708300	Lead	ND	(0.0021)		0.015 MCL
EW-84	7470	NS	08/01/94	08/03/94	AAZ4__4080319360	Mercury	ND	(0.000033)		0.0020 MCL
EW-84	7740	NS	08/01/94	08/18/94	AAZ4__4081717000	Selenium	ND	(0.0018)		0.010 MCL
EW-85	8010	NS	07/20/94	07/29/94	GCPEA14072820370	1,1,1-Trichloroethane	92	(3.08)		200 MCL
						1,1-Dichloroethene	331	(3.8)		6.0 MCL
						1,2-Dichloroethane	4.8	(1.56)		0.50 MCL
						Trichloroethene	304	(3.08)		5.0 MCL
EW-85	8020	NS	07/20/94	07/25/94	GCDEL14072511160	1,3-Dichlorobenzene	0.29 H	(0.153)		130 AL
						Benzene	0.22 H	(0.0589)		1.0 MCL
EW-85	6010	NS	07/20/94	08/12/94	EMJA614081120300	Barium	0.045 B	(0.0009)		1.0 MCL
						Calcium	13 B	(0.0175)		
						Chromium	0.015	(0.0052)		0.050 MCL
						Copper	0.010	(0.0092)		1.3 MCL
						Magnesium	10	(0.0479)		
						Potassium	1.1	(0.822)		
						Sodium	16 B	(0.0401)		
						Vanadium	0.033	(0.0045)		
EW-85	7060	NS	07/20/94	08/12/94	AAZ4__4081108270	Arsenic	ND	(0.0021)		0.050 MCL
EW-85	7421	NS	07/20/94	08/13/94	AAZ2__4081308300	Lead	ND	(0.0022)		0.015 MCL
EW-85	7470	NS	07/20/94	07/22/94	AAZ4__4072210290	Mercury	0.00010	(0.000033)		0.0020 MCL
EW-85	7740	NS	07/20/94	08/13/94	AAZ3__4081317440	Selenium	ND	(0.0006)		0.010 MCL
EW-86	8010	NS	07/20/94	08/02/94	GCPEA14080116210	1,1,1-Trichloroethane	1.7 H	(0.123)		200 MCL
						1,1-Dichloroethene	2.4 H	(0.152)		6.0 MCL
						Methylene Chloride	0.11 H	(0.0652)		5.0 MCL
						Trichloroethene	7.7 H	(0.123)		5.0 MCL
EW-86	8020	NS	07/20/94	07/25/94	GCDEL14072511160	No Analytes Detected	ND			
EW-86	6010	NS	07/20/94	08/12/94	EMJA614081120300	Barium	0.042 B	(0.0009)		1.0 MCL
						Calcium	12 B	(0.0175)		
						Chromium	0.013	(0.0052)		0.050 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
EW-86	6010	NS	07/20/94	08/12/94	EMJA614081120300	Copper	0.017	(0.0092)		1.3 MCL
						Magnesium	9.5	(0.0479)		
						Potassium	1.9	(0.822)		
						Sodium	18 B	(0.0401)		
						Vanadium	0.036	(0.0045)		
EW-86	7060	NS	07/20/94	08/12/94	AAZ4__4081108270	Arsenic	0.0041	(0.0021)		0.050 MCL
EW-86	7421	NS	07/20/94	08/13/94	AAZ2__4081308300	Lead	ND	(0.0022)		0.015 MCL
EW-86	7470	NS	07/20/94	07/22/94	AAZ4__4072210290	Mercury	ND	(0.000033)		0.0020 MCL
EW-86	7740	NS	07/20/94	08/13/94	AAZ3__4081317440	Selenium	0.0026 S	(0.0006)		0.010 MCL
EW-137	8010	NS	07/15/94	07/28/94	GCPEA14072715290	1,1-Dichloroethane	6.3 H	(0.226)		5.0 MCL
						Trichloroethene	57 H	(0.246)		5.0 MCL
						cis-1,2-Dichloroethene	9.4 H	(0.218)		6.0 MCL
EW-137	8020	NS	07/15/94	07/22/94	GCDEL14072212040	No Analytes Detected	ND			
EW-137	6010	NS	07/15/94	08/11/94	EMJA614081120300	Barium	0.18	(0.0009)		1.0 MCL
						Calcium	44 B	(0.0175)		
						Copper	0.020	(0.0092)		1.3 MCL
						Magnesium	35	(0.0479)		
						Potassium	3.2	(0.822)		
						Sodium	27	(0.0401)		
						Vanadium	0.024	(0.0045)		
EW-137	7060	NS	07/15/94	08/10/94	AAZ3__4081003190	Arsenic	0.0012	(0.0006)		0.050 MCL
EW-137	7421	NS	07/15/94	08/10/94	AAZ3__4081007090	Lead	ND	(0.001)		0.015 MCL
EW-137	7470	NS	07/15/94	07/20/94	AAZ4__4072017370	Mercury	ND	(0.000033)		0.0020 MCL
EW-137	7740	NS	07/15/94	08/11/94	AAZ3__4081111290	Selenium	0.0089 S	(0.0006)		0.010 MCL
EW-140	8010	NS	07/15/94	07/27/94	GCPEA14072612170	1,1-Dichloroethane	2.4	(0.565)		5.0 MCL
						Methylene Chloride	2.8 P	(0.326)		5.0 MCL
						Trichloroethene	78	(0.615)		5.0 MCL
						cis-1,2-Dichloroethene	20	(0.545)		6.0 MCL
EW-140	8020	NS	07/15/94	07/22/94	GCDEL14072212040	No Analytes Detected	ND			
EW-140	6010	NS	07/15/94	08/11/94	EMJA614081120300	Barium	0.098	(0.0009)		1.0 MCL
						Calcium	25 B	(0.0175)		
						Chromium	0.0063	(0.0052)		0.050 MCL
						Cobalt	0.0056	(0.0041)		

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
EW-140	6010	NS	07/15/94	08/11/94	EMJA614081120300	Copper	0.011	(0.0092)		1.3 MCL
						Lead	0.026	(0.0216)		0.015 MCL
						Magnesium	20	(0.0479)		
						Potassium	2.2	(0.822)		
						Sodium	19	(0.0401)		
						Vanadium	0.023	(0.0045)		
						Zinc	0.0046 B	(0.004)		
EW-140	7060	NS	07/15/94	08/10/94	AAZ3__4081003190	Arsenic	ND	(0.0006)		0.050 MCL
EW-140	7421	NS	07/15/94	08/10/94	AAZ3__4081007090	Lead	ND	(0.001)		0.015 MCL
EW-140	7470	NS	07/15/94	07/20/94	AAZ4__4072017370	Mercury	ND	(0.000033)		0.0020 MCL
EW-140	7740	NS	07/15/94	08/11/94	AAZ3__4081111290	Selenium	0.00060 S	(0.0006)		0.010 MCL
EW-141	8010	NS	07/15/94	07/26/94	GCPEA14072612170	1,1-Dichloroethane	2.7	(0.565)		5.0 MCL
						Methylene Chloride	1.8 P	(0.326)		5.0 MCL
						Trichloroethene	67	(0.615)		5.0 MCL
						cis-1,2-Dichloroethene	9.8	(0.545)		6.0 MCL
M3Q9402	8010	FD	07/15/94	07/28/94	GCPEA14072715290	1,1-Dichloroethane	2.8	(0.226)		5.0 MCL
						Trichloroethene	55	(0.246)		5.0 MCL
						cis-1,2-Dichloroethene	9.9	(0.218)		6.0 MCL
EW-141	8020	NS	07/15/94	07/22/94	GCDEL14072212040	No Analytes Detected	ND			
EW-141	6010	NS	07/15/94	08/11/94	EMJA614081120300	Barium	0.10	(0.0009)		1.0 MCL
						Calcium	28 B	(0.0175)		
						Chromium	0.015	(0.0052)		0.050 MCL
						Cobalt	0.0079	(0.0041)		
						Copper	0.014	(0.0092)		1.3 MCL
						Lead	0.031	(0.0216)		0.015 MCL
						Magnesium	22	(0.0479)		
						Potassium	2.1	(0.822)		
						Sodium	21	(0.0401)		
						Vanadium	0.024	(0.0045)		
						Zinc	0.11 B	(0.004)		
EW-141	7060	NS	07/15/94	08/10/94	AAZ3__4081003190	Arsenic	ND	(0.0006)		0.050 MCL
EW-141	7421	NS	07/15/94	08/10/94	AAZ3__4081007090	Lead	ND	(0.001)		0.015 MCL
EW-141	7470	NS	07/15/94	07/20/94	AAZ4__4072017370	Mercury	ND	(0.000033)		0.0020 MCL
EW-141	7740	NS	07/15/94	08/11/94	AAZ3__4081111290	Selenium	0.0012 S	(0.0006)		0.010 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
EW-144	8010	NS	07/27/94	08/08/94	GCPEA14080810580	Methylene Chloride	1.1	(0.652)		5.0 MCL
						Trichloroethene	274	(1.23)		5.0 MCL
						Trichlorofluoromethane	1.5	(1.5)		150 AL
						cis-1,2-Dichloroethene	5.8	(1.09)		6.0 MCL
EW-144	8020	NS	07/27/94	08/05/94	GCKAY14080502060	No Analytes Detected	ND			
EW-144	6010	NS	07/27/94	08/17/94	EMJA614081709300	Barium	0.12	(0.0009)		1.0 MCL
						Calcium	28 B	(0.0175)		
						Chromium	0.0058	(0.0052)		0.050 MCL
						Copper	0.015	(0.0092)		1.3 MCL
						Magnesium	23	(0.0479)		
						Potassium	2.1	(0.822)		
						Sodium	21	(0.0401)		
						Vanadium	0.025	(0.0045)		
						Zinc	0.0076	(0.004)		
EW-144	7060	NS	07/27/94	08/17/94	AAZ3__4081709000	Arsenic	0.0019	(0.0006)		0.050 MCL
EW-144	7421	NS	07/27/94	08/13/94	AAZ2__4081308300	Lead	ND	(0.0022)		0.015 MCL
EW-144	7470	NS	07/27/94	08/03/94	AAZ4__4080319360	Mercury	ND	(0.000033)		0.0020 MCL
EW-144	7740	NS	07/27/94	08/17/94	AAZ4__4081717000	Selenium	ND	(0.0018)		0.010 MCL
EW-233	8010	NS	07/13/94	07/22/94	GCPEA14072211130	Tetrachloroethene	656 H	(11.6)		5.0 MCL
						Trichloroethene	3480 H	(30.8)		5.0 MCL
EW-233	8020	NS	07/13/94	07/21/94	GCDEL14072011090	No Analytes Detected	ND			
EW-233	6010	NS	07/13/94	08/03/94	EMJA614080310000	Barium	0.040	(0.0009)		1.0 MCL
						Calcium	18 B	(0.0175)		
						Chromium	0.013	(0.0052)		0.050 MCL
						Cobalt	0.0047 B	(0.0041)		
						Iron	0.013	(0.0045)		
						Magnesium	13	(0.0479)		
						Potassium	0.97	(0.822)		
						Sodium	17	(0.0401)		
						Vanadium	0.026	(0.0045)		
						Zinc	0.090	(0.004)		
EW-233	7060	NS	07/13/94	08/09/94	AAZ3__4080908100	Arsenic	0.0044	(0.0006)		0.050 MCL
EW-233	7421	NS	07/13/94	08/09/94	AAZ2__4080915450	Lead	ND	(0.0022)		0.015 MCL
EW-233	7470	NS	07/13/94	07/15/94	AAZ4__4071517490	Mercury	ND	(0.000033)		0.0020 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
EW-233	7740	NS	07/13/94	08/11/94	AAZ3__4081114580	Selenium	0.0043 S	(0.0006)		0.010 MCL
MW-11	8010	NS	07/19/94	07/29/94	GCPEA14072820370	1,1,1-Trichloroethane	329	(12.3)		200 MCL
						1,1-Dichloroethene	3510	(15.2)		6.0 MCL
						Trichloroethene	636	(12.3)		5.0 MCL
MW-11	8020	NS	07/19/94	07/29/94	GCKAY14072821530	1,2-Dichlorobenzene	0.16	(0.0485)		130 AL
						1,3-Dichlorobenzene	0.060	(0.0184)		130 AL
						1,4-Dichlorobenzene	0.069	(0.0416)		5.0 MCL
						Benzene	1.2	(0.0425)		1.0 MCL
EB-11	8020	EB	07/19/94	07/26/94	GCDEL14072612250	No Analytes Detected	ND			
MW-11	6010	NS	07/19/94	08/12/94	EMJA614081120300	Barium	0.11	(0.0009)		1.0 MCL
						Calcium	23 B	(0.0175)		
						Iron	0.013 B	(0.0045)		
						Magnesium	16	(0.0479)		
						Molybdenum	0.0075	(0.0074)		
						Potassium	1.9	(0.822)		
						Sodium	20 B	(0.0401)		
						Vanadium	0.042	(0.0045)		
EB-11	6010	EB	07/19/94	08/12/94	EMJA614081120300	Calcium	0.19 B	(0.0175)		
						Copper	0.034	(0.0092)		1.3 MCL
						Iron	0.0062 B	(0.0045)		
						Sodium	2.2 B	(0.0401)		
						Zinc	0.016 B	(0.004)		
MW-11	7060	NS	07/19/94	08/12/94	AAZ4__4081108270	Arsenic	0.0023	(0.0021)		0.050 MCL
EB-11	7060	EB	07/19/94	08/12/94	AAZ4__4081108270	Arsenic	ND	(0.0021)		0.050 MCL
MW-11	7421	NS	07/19/94	08/11/94	AAZ2__4081117000	Lead	ND	(0.0022)		0.015 MCL
EB-11	7421	EB	07/19/94	08/11/94	AAZ2__4081117000	Lead	ND	(0.0022)		0.015 MCL
MW-11	7470	NS	07/19/94	07/22/94	AAZ4__4072210290	Mercury	ND	(0.000033)		0.0020 MCL
EB-11	7470	EB	07/19/94	07/22/94	AAZ4__4072210290	Mercury	ND	(0.000033)		0.0020 MCL
MW-11	7740	NS	07/19/94	08/07/94	AAZ3__4080709020	Selenium	0.0031 S	(0.0006)		0.010 MCL
EB-11	7740	EB	07/19/94	08/07/94	AAZ3__4080709020	Selenium	0.0023 S	(0.0006)		0.010 MCL
MW-12	8010	NS	07/18/94	07/28/94	GCPEA14072715290	1,1,1-Trichloroethane	109	(30.8)		200 MCL
						1,1-Dichloroethene	4520	(38)		6.0 MCL
						Tetrachloroethene	29	(11.6)		5.0 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MW-12	8010	NS	07/18/94	07/29/94	GCPEA14072820370	Trichloroethene	853	(30.8)		5.0 MCL
EB-12	8010	EB	07/18/94	07/28/94	GCPEA14072715290	No Analytes Detected	ND			
MW-12	8020	NS	07/18/94	07/25/94	GCDEL14072511160	No Analytes Detected	ND			
MW-12	6010	NS	07/18/94	08/11/94	EMJA614081120300	Barium	0.049	(0.0009)		1.0 MCL
						Calcium	18 B	(0.0175)		
						Copper	0.0097	(0.0092)		1.3 MCL
						Magnesium	13	(0.0479)		
						Potassium	1.2	(0.822)		
						Sodium	20 B	(0.0401)		
						Vanadium	0.031	(0.0045)		
MW-12	7060	NS	07/18/94	08/10/94	AAZ4__4081008330	Arsenic	0.0035	(0.0021)		0.050 MCL
MW-12	7421	NS	07/18/94	08/10/94	AAZ2__4081020000	Lead	ND	(0.0022)		0.015 MCL
MW-12	7470	NS	07/18/94	07/22/94	AAZ4__4072210290	Mercury	ND	(0.000033)		0.0020 MCL
MW-12	7740	NS	07/18/94	08/12/94	AAZ3__4081209490	Selenium	ND	(0.0006)		0.010 MCL
MW-15	8010	NS	07/18/94	07/28/94	GCPEA14072715290	1,1,1-Trichloroethane	1.6	(0.615)		200 MCL
						1,1-Dichloroethene	78	(0.76)		6.0 MCL
						Methylene Chloride	1.4 PB	(0.326)		5.0 MCL
						Trichloroethene	57	(0.615)		5.0 MCL
MW-15	8020	NS	07/18/94	07/25/94	GCDEL14072511160	No Analytes Detected	ND			
M3Q9403	8020	FD	07/18/94	07/26/94	GCDEL14072612250	No Analytes Detected	ND			
MW-15	6010	NS	07/18/94	08/11/94	EMJA614081120300	Barium	0.033	(0.0009)		1.0 MCL
						Calcium	12 B	(0.0175)		
						Chromium	0.011	(0.0052)		0.050 MCL
						Copper	0.011	(0.0092)		1.3 MCL
						Iron	0.057 B	(0.0045)		
						Magnesium	8.7	(0.0479)		
						Sodium	16 B	(0.0401)		
						Vanadium	0.036	(0.0045)		
MW-15	7060	NS	07/18/94	08/10/94	AAZ4__4081008330	Arsenic	0.0043	(0.0021)		0.050 MCL
MW-15	7421	NS	07/18/94	08/10/94	AAZ2__4081020000	Lead	ND	(0.0022)		0.015 MCL
MW-15	7470	NS	07/18/94	07/22/94	AAZ4__4072210290	Mercury	ND	(0.000033)		0.0020 MCL
MW-15	7740	NS	07/18/94	08/12/94	AAZ3__4081209490	Selenium	0.0013 S	(0.0006)		0.010 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MW-23D	8010	NS	07/12/94	07/20/94	GCPEA14072013390	1,2-Dichloroethane	0.15	(0.0625)		0.50 MCL
						Methylene Chloride	0.76 P	(0.0652)		5.0 MCL
MW-52	8010	NS	07/06/94	07/13/94	GCPEA14071215330	No Analytes Detected	ND			
MW-52	8020	NS	07/06/94	07/13/94	GCPEA24071215330	No Analytes Detected	ND			
MW-52	6010	NS	07/06/94	08/03/94	EMJA614080310000	Barium	0.060	(0.0009)		1.0 MCL
						Calcium	15 B	(0.0175)		
						Iron	0.097	(0.0045)		
						Magnesium	9.3	(0.0479)		
						Manganese	0.14	(0.0016)		
						Potassium	1.8	(0.822)		
						Sodium	18	(0.0401)		
						Vanadium	0.029	(0.0045)		
						Zinc	0.012	(0.004)		
MW-52	7060	NS	07/06/94	07/21/94	AAZ3__4072119140	Arsenic	0.0031	(0.0006)		0.050 MCL
MW-52	7421	NS	07/06/94	08/08/94	AAZ2__4080817150	Lead	ND	(0.0022)		0.015 MCL
MW-52	7470	NS	07/06/94	07/15/94	AAZ4__4071517490	Mercury	ND	(0.000033)		0.0020 MCL
MW-52	7740	NS	07/06/94	08/05/94	AAZ3__4080507550	Selenium	0.0034 S	(0.0006)		0.010 MCL
MW-59	8010	NS	07/06/94	07/13/94	GCPEA14071215330	1,2-Dichloroethane	0.34 P	(0.0625)		0.50 MCL
						Methylene Chloride	0.066 B	(0.0652)		5.0 MCL
MW-59	6010	NS	07/06/94	08/03/94	EMJA614080310000	Barium	0.052	(0.0009)		1.0 MCL
						Calcium	14 B	(0.0175)		
						Chromium	0.011	(0.0052)		0.050 MCL
						Iron	0.061	(0.0045)		
						Magnesium	9.8	(0.0479)		
						Manganese	0.0057	(0.0016)		
						Potassium	1.3	(0.822)		
						Sodium	16	(0.0401)		
						Vanadium	0.025	(0.0045)		
						Zinc	0.012	(0.004)		
MW-59	7060	NS	07/06/94	07/21/94	AAZ3__4072119140	Arsenic	0.0015	(0.0006)		0.050 MCL
MW-59	7421	NS	07/06/94	08/08/94	AAZ2__4080817150	Lead	ND	(0.0022)		0.015 MCL
MW-59	7470	NS	07/06/94	07/15/94	AAZ4__4071517490	Mercury	ND	(0.000033)		0.0020 MCL
MW-59	7740	NS	07/06/94	08/05/94	AAZ3__4080507550	Selenium	0.0011 S	(0.0006)		0.010 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MW-62	8010	NS	07/07/94	07/13/94	GCPEA14071215330	1,2-Dichloroethane	0.14 P	(0.0625)		0.50 MCL
						Trichloroethene	3.0	(0.123)		5.0 MCL
						cis-1,2-Dichloroethene	4.4	(0.109)		6.0 MCL
MW-64	8010	NS	07/12/94	07/21/94	GCPEA14072013390	Trichloroethene	1.7 H	(0.123)		5.0 MCL
MW-64	6010	NS	07/12/94	08/03/94	EMJA614080310000	Barium	0.032	(0.0009)		1.0 MCL
						Calcium	14 B	(0.0175)		
						Cobalt	0.012	(0.0041)		
						Iron	0.081	(0.0045)		
						Magnesium	10	(0.0479)		
						Manganese	0.046	(0.0016)		
						Potassium	2.2	(0.822)		
						Sodium	16	(0.0401)		
						Vanadium	0.018	(0.0045)		
MW-64	7060	NS	07/12/94	08/09/94	AAZ3__4080908100	Arsenic	0.0020 S	(0.0006)		0.050 MCL
MW-64	7421	NS	07/12/94	08/08/94	AAZ2__4080817150	Lead	ND	(0.0022)		0.015 MCL
MW-64	7470	NS	07/12/94	07/20/94	AAZ4__4072017370	Mercury	0.00010	(0.000033)		0.0020 MCL
MW-64	7740	NS	07/12/94	08/02/94	AAZ4__4080219250	Selenium	ND	(0.0018)		0.010 MCL
						Selenium	ND	(0.0018)		0.010 MCL
MW-66	6010	NS	07/29/94	08/18/94	EMJA614081709300	Barium	0.0075	(0.0009)		1.0 MCL
						Calcium	8.9 B	(0.0175)		
						Copper	0.017	(0.0092)		1.3 MCL
						Iron	0.36 B	(0.0045)		
						Magnesium	7.5	(0.0479)		
						Manganese	0.18 B	(0.0016)		
						Potassium	1.1	(0.822)		
						Sodium	12 B	(0.0401)		
MW-66	7060	NS	07/29/94	08/17/94	AAZ3__4081709000	Arsenic	ND	(0.0006)		0.050 MCL
MW-66	7421	NS	07/29/94	08/13/94	AAZ2__4081308300	Lead	ND	(0.0022)		0.015 MCL
MW-66	7470	NS	07/29/94	08/03/94	AAZ4__4080319360	Mercury	ND	(0.000033)		0.0020 MCL
MW-66	7740	NS	07/29/94	08/17/94	AAZ4__4081717000	Selenium	ND	(0.0018)		0.010 MCL
MW-88	8010	NS	07/07/94	07/13/94	GCPEA14071215330	No Analytes Detected	ND			
MW-88	8020	NS	07/07/94	07/13/94	GCPEA24071215330	No Analytes Detected	ND			

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
M3Q9405	8020	FD	07/07/94	07/13/94	GCPEA24071215330	No Analytes Detected	ND			
MW-88	6010	NS	07/07/94	08/03/94	EMJA614080310000	Barium	0.026	(0.0009)		1.0 MCL
						Calcium	9.9 B	(0.0175)		
						Chromium	0.0064	(0.0052)		0.050 MCL
						Iron	0.11	(0.0045)		
						Magnesium	7.4	(0.0479)		
						Manganese	0.0083	(0.0016)		
						Sodium	14	(0.0401)		
						Vanadium	0.026	(0.0045)		
						Zinc	0.012	(0.004)		
MW-88	7060	NS	07/07/94	07/21/94	AAZ3__4072119140	Arsenic	0.0026	(0.0006)		0.050 MCL
MW-88	7421	NS	07/07/94	08/08/94	AAZ2__4080817150	Lead	ND	(0.0022)		0.015 MCL
MW-88	7470	NS	07/07/94	07/15/94	AAZ4__4071517490	Mercury	ND	(0.000033)		0.0020 MCL
MW-88	7740	NS	07/07/94	08/05/94	AAZ3__4080507550	Selenium	0.00090 S	(0.0006)		0.010 MCL
MW-91	8010	NS	07/11/94	07/20/94	GCPEA14072013390	1,1,1-Trichloroethane	0.87	(0.246)		200 MCL
						1,1-Dichloroethene	43	(0.304)		6.0 MCL
						Trichloroethene	2.6	(0.246)		5.0 MCL
MW-91	8020	NS	07/11/94	07/20/94	GCDEL14072011090	No Analytes Detected	ND			
M3Q9406	8020	FD	07/11/94	07/20/94	GCPEA24071910280	Benzene	0.15 P	(0.0752)		1.0 MCL
						Toluene	0.37 P	(0.0666)		
MW-91	6010	NS	07/11/94	08/03/94	EMJA614080310000	Barium	0.028	(0.0009)		1.0 MCL
						Calcium	11 B	(0.0175)		
						Chromium	0.0064	(0.0052)		0.050 MCL
						Cobalt	0.0070	(0.0041)		
						Iron	0.59 B	(0.0045)		
						Magnesium	8.1	(0.0479)		
						Manganese	0.058	(0.0016)		
						Potassium	0.88	(0.822)		
						Sodium	16	(0.0401)		
						Vanadium	0.020	(0.0045)		
						Zinc	0.012 B	(0.004)		
MW-91	7060	NS	07/11/94	08/09/94	AAZ3__4080908100	Arsenic	0.0026 S	(0.0006)		0.050 MCL
MW-91	7421	NS	07/11/94	08/08/94	AAZ2__4080817150	Lead	ND	(0.0022)		0.015 MCL
MW-91	7470	NS	07/11/94	07/15/94	AAZ4__4071517490	Mercury	ND	(0.000033)		0.0020 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MW-91	7740	NS	07/11/94	08/02/94	AAZ4__4080219250	Selenium	ND	(0.0018)		0.010 MCL
MW-126	8010	NS	07/20/94	08/02/94	GCPEA14080116210	Trichloroethene	0.23	(0.123)		5.0 MCL
MW-126	8020	NS	07/20/94	07/29/94	GCKAY14072821530	No Analytes Detected	ND			
MW-126	6010	NS	07/20/94	08/12/94	EMJA614081120300	Barium	0.039 B	(0.0009)		1.0 MCL
						Calcium	12 B	(0.0175)		
						Chromium	0.0099	(0.0052)		0.050 MCL
						Iron	0.13 B	(0.0045)		
						Magnesium	9.4	(0.0479)		
						Manganese	0.010	(0.0016)		
						Nickel	0.39	(0.0141)		0.10 MCL
						Potassium	1.00	(0.822)		
						Sodium	15 B	(0.0401)		
						Vanadium	0.016	(0.0045)		
M3Q9407	6010	FD	07/20/94	08/12/94	EMJA614081120300	Barium	0.042 B	(0.0009)		1.0 MCL
						Calcium	13 B	(0.0175)		
						Chromium	0.012	(0.0052)		0.050 MCL
						Iron	0.11 B	(0.0045)		
						Magnesium	0.0	(0.0479)		
						Manganese	0.0088	(0.0016)		
						Nickel	0.31	(0.0141)		0.10 MCL
						Potassium	1.1	(0.822)		
						Sodium	16 B	(0.0401)		
						Vanadium	0.024	(0.0045)		
MW-126	7060	NS	07/20/94	08/12/94	AAZ4__4081108270	Arsenic	ND	(0.0021)		0.050 MCL
M3Q9407	7060	FD	07/20/94	08/12/94	AAZ4__4081108270	Arsenic	ND	(0.0021)		0.050 MCL
MW-126	7421	NS	07/20/94	08/13/94	AAZ2__4081308300	Lead	ND	(0.0022)		0.015 MCL
M3Q9407	7421	FD	07/20/94	08/13/94	AAZ2__4081308300	Lead	ND	(0.0022)		0.015 MCL
MW-126	7470	NS	07/20/94	07/22/94	AAZ4__4072210290	Mercury	ND	(0.000033)		0.0020 MCL
M3Q9407	7470	FD	07/20/94	07/22/94	AAZ4__4072210290	Mercury	ND	(0.000033)		0.0020 MCL
MW-126	7740	NS	07/20/94	08/13/94	AAZ3__4081317440	Selenium	0.0023 S	(0.0006)	J	0.010 MCL
M3Q9407	7740	FD	07/20/94	08/13/94	AAZ3__4081317440	Selenium	0.0013 S	(0.0006)	J	0.010 MCL
MW-127	8010	NS	07/20/94	08/02/94	GCPEA14080116210	Trichloroethene	0.51	(0.123)		5.0 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MW-127	8020	NS	07/20/94	07/29/94	GCKAY14072821530	No Analytes Detected	ND			
MW-127	6010	NS	07/20/94	08/12/94	EMJA614081120300	Barium	0.050 B	(0.0009)		1.0 MCL
						Calcium	17 B	(0.0175)		
						Cobalt	0.0072	(0.0041)		
						Copper	0.019	(0.0092)		1.3 MCL
						Iron	0.042 B	(0.0045)		
						Magnesium	13	(0.0479)		
						Manganese	0.036	(0.0016)		
						Nickel	0.96	(0.0141)		0.10 MCL
						Potassium	4.5	(0.822)		
						Sodium	18 B	(0.0401)		
						Vanadium	0.013	(0.0045)		
						Zinc	0.034 B	(0.004)		
MW-127	7060	NS	07/20/94	08/12/94	AAZ4__4081108270	Arsenic	ND	(0.0021)		0.050 MCL
MW-127	7421	NS	07/20/94	08/13/94	AAZ2__4081308300	Lead	ND	(0.0022)		0.015 MCL
MW-127	7470	NS	07/20/94	07/22/94	AAZ4__4072210290	Mercury	ND	(0.000033)		0.0020 MCL
MW-127	7740	NS	07/20/94	08/13/94	AAZ3__4081317440	Selenium	0.0019 S	(0.0006)		0.010 MCL
MW-139	8010	NS	07/11/94	07/20/94	GCPEA14071910280	1,1,1-Trichloroethane	0.83 PB	(0.615)		200 MCL
						1,1-Dichloroethane	8.6	(0.565)		5.0 MCL
						1,2-Dichloroethane	0.52	(0.312)		0.50 MCL
						Chloroform	2.3	(0.377)		100 PMCL
						Methylene Chloride	0.51	(0.326)		5.0 MCL
						Trichloroethene	80	(0.615)		5.0 MCL
						cis-1,2-Dichloroethene	16	(0.545)		6.0 MCL
MW-139	8020	NS	07/11/94	07/20/94	GCPEA24071910280	No Analytes Detected	ND			
MW-139	6010	NS	07/11/94	08/03/94	EMJA614080310000	Barium	0.16	(0.0009)		1.0 MCL
						Calcium	49 B	(0.0175)		
						Chromium	0.0095	(0.0052)		0.050 MCL
						Cobalt	0.0069	(0.0041)		
						Magnesium	37	(0.0479)		
						Manganese	0.0043	(0.0016)		
						Nickel	0.17	(0.0141)		0.10 MCL
						Potassium	3.3	(0.822)		
						Sodium	26	(0.0401)		
						Vanadium	0.024	(0.0045)		
MW-139	7060	NS	07/11/94	08/09/94	AAZ3__4080908100	Arsenic	0.0018 S	(0.0006)		0.050 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MW-139	7421	NS	07/11/94	08/08/94	AAZ2__4080817150	Lead	ND	(0.0022)		0.015 MCL
MW-139	7470	NS	07/11/94	07/15/94	AAZ4__4071517490	Mercury	ND	(0.000033)		0.0020 MCL
MW-139	7740	NS	07/11/94	08/02/94	AAZ4__4080219250	Selenium	ND	(0.0018)		0.010 MCL
MW-143	8010	NS	08/04/94	08/12/94	GCPEA14081118210	Methylene Chloride	0.45 X	(0.0652)		5.0 MCL
MW-143	8020	NS	08/04/94	08/12/94	GCKAY14081122540	No Analytes Detected	ND			
MW-148	8010	NS	07/13/94	07/22/94	GCPEA14072211130	Trichloroethene	10 H	(0.123)		5.0 MCL
						cis-1,2-Dichloroethene	2.8 H	(0.109)		6.0 MCL
MW-148	8020	NS	07/13/94	07/21/94	GCDEL14072011090	No Analytes Detected	ND			
MW-150	8010	NS	07/12/94	07/20/94	GCPEA14072013390	Methylene Chloride	0.45 P	(0.0652)		5.0 MCL
						Tetrachloroethene	1.1	(0.0466)		5.0 MCL
						Trichloroethene	0.41	(0.123)		5.0 MCL
MW-150	8240	NS	07/12/94	07/25/94	MSMSDB4072508290	Freon 113	6.8	(1.77)		
MW-150	6010	NS	07/12/94	08/03/94	EMJA614080310000	Barium	0.029	(0.0009)		1.0 MCL
						Calcium	14 B	(0.0175)		
						Chromium	0.012	(0.0052)		0.050 MCL
						Cobalt	0.0071	(0.0041)		
						Iron	0.0048	(0.0045)		
						Magnesium	10	(0.0479)		
						Nickel	0.037	(0.0141)		0.10 MCL
						Potassium	2.6	(0.822)		
						Sodium	17	(0.0401)		
						Vanadium	0.036	(0.0045)		
						Zinc	0.033 B	(0.004)		
M3Q9408	6010	FD	07/12/94	08/03/94	EMJA614080310000	Barium	0.030	(0.0009)		1.0 MCL
						Calcium	13 B	(0.0175)		
						Chromium	0.011	(0.0052)		0.050 MCL
						Magnesium	10	(0.0479)		
						Nickel	0.042	(0.0141)		0.10 MCL
						Potassium	1.6	(0.822)		
						Sodium	15	(0.0401)		
						Vanadium	0.030	(0.0045)		
						Zinc	0.031 B	(0.004)		
MW-150	7060	NS	07/12/94	08/09/94	AAZ3__4080908100	Arsenic	0.0034 S	(0.0006)		0.050 MCL
M3Q9408	7060	FD	07/12/94	08/09/94	AAZ3__4080908100	Arsenic	0.0053 S	(0.0006)		0.050 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MW-150	7421	NS	07/12/94	08/08/94	AAZ2__4080817150	Lead	ND	(0.0022)		0.015 MCL
M3Q9408	7421	FD	07/12/94	08/08/94	AAZ2__4080817150	Lead	ND	(0.0022)		0.015 MCL
MW-150	7470	NS	07/12/94	07/20/94	AAZ4__4072017370	Mercury	ND	(0.000033)		0.0020 MCL
M3Q9408	7470	FD	07/12/94	07/20/94	AAZ4__4072017370	Mercury	ND	(0.000033)		0.0020 MCL
MW-150	7740	NS	07/12/94	08/02/94	AAZ4__4080219250	Selenium	ND	(0.0018)		0.010 MCL
M3Q9408	7740	FD	07/12/94	08/02/94	AAZ4__4080219250	Selenium	ND	(0.0018)		0.010 MCL
MW-152	8010	NS	07/12/94	07/20/94	GCPEA14072013390	Methylene Chloride	0.64 H	(0.0652)		5.0 MCL
MW-153	8010	NS	07/12/94	07/21/94	GCPEA14072013390	1,1-Dichloroethene	1.1 P	(0.152)		6.0 MCL
						1,2-Dichloroethane	0.092	(0.0625)		0.50 MCL
						Chloroform	0.78	(0.0754)		100 PMCL
						Methylene Chloride	0.14	(0.0652)		5.0 MCL
						Tetrachloroethene	1.3	(0.0466)		5.0 MCL
						Trichloroethene	21	(0.123)		5.0 MCL
						cis-1,2-Dichloroethene	4.6	(0.109)		6.0 MCL
M3Q9409	8010	FD	07/12/94	07/21/94	GCPEA14072013390	1,1-Dichloroethene	1.1 P	(0.152)		6.0 MCL
						1,2-Dichloroethane	0.074	(0.0625)		0.50 MCL
						Chloroform	0.79	(0.0754)		100 PMCL
						Methylene Chloride	0.15	(0.0652)		5.0 MCL
						Tetrachloroethene	1.4	(0.0466)		5.0 MCL
						Trichloroethene	21	(0.123)		5.0 MCL
						cis-1,2-Dichloroethene	4.7	(0.109)		6.0 MCL
MW-153	8240	NS	07/12/94	07/25/94	MSMSDB4072508290	Acetone	11 B	(5.87)		
						Freon 113	2.0	(1.77)		
						Trichloroethene	22	(1.56)		5.0 MCL
MW-153	6010	NS	07/12/94	08/03/94	EMJA614080310000	Barium	0.039	(0.0009)		1.0 MCL
						Calcium	13 B	(0.0175)		
						Chromium	0.016	(0.0052)		0.050 MCL
						Cobalt	0.0070	(0.0041)		
						Iron	0.0086	(0.0045)		
						Magnesium	9.7	(0.0479)		
						Nickel	0.033	(0.0141)		0.10 MCL
						Potassium	4.9	(0.822)		
						Sodium	19	(0.0401)		
						Vanadium	0.031	(0.0045)		
						Zinc	0.031 B	(0.004)		

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
M3Q9409	6010	FD	07/12/94	08/03/94	EMJA614080310000	Barium	0.039	(0.0009)		1.0 MCL
						Calcium	13 B	(0.0175)		
						Chromium	0.012	(0.0052)		0.050 MCL
						Magnesium	9.6	(0.0479)		
						Nickel	0.031	(0.0141)		0.10 MCL
						Potassium	4.8	(0.822)		
						Sodium	20	(0.0401)		
						Vanadium	0.028	(0.0045)		
MW-153	7060	NS	07/12/94	08/09/94	AAZ3__4080908100	Arsenic	0.0033 S	(0.0006)		0.050 MCL
M3Q9409	7060	FD	07/12/94	08/09/94	AAZ3__4080908100	Arsenic	0.0031 S	(0.0006)		0.050 MCL
MW-153	7421	NS	07/12/94	08/08/94	AAZ2__4080817150	Lead	ND	(0.0022)		0.015 MCL
M3Q9409	7421	FD	07/12/94	08/08/94	AAZ2__4080817150	Lead	ND	(0.0022)		0.015 MCL
MW-153	7470	NS	07/12/94	07/22/94	AAZ4__4072210290	Mercury	ND	(0.000033)		0.0020 MCL
M3Q9409	7470	FD	07/12/94	07/20/94	AAZ4__4072017370	Mercury	ND	(0.000033)		0.0020 MCL
MW-153	7740	NS	07/12/94	08/02/94	AAZ4__4080219250	Selenium	ND	(0.0018)		0.010 MCL
M3Q9409	7740	FD	07/12/94	08/02/94	AAZ4__4080219250	Selenium	ND	(0.0018)		0.010 MCL
MW-154	8010	NS	07/14/94	07/23/94	GCPEA14072211130	Chloroform	0.81	(0.0754)		100 PMCL
						Trichloroethene	5.3	(0.123)		5.0 MCL
						cis-1,2-Dichloroethene	0.22	(0.109)		6.0 MCL
MW-157	8010	NS	07/14/94	07/23/94	GCPEA14072211130	1,1-Dichloroethene	75 P	(3.8)		6.0 MCL
						Methylene Chloride	2.6	(1.63)		5.0 MCL
						Tetrachloroethene	65	(1.16)		5.0 MCL
						Trichloroethene	392	(3.08)		5.0 MCL
MW-157	8020	NS	07/14/94	07/20/94	GCDEL14072011090	No Analytes Detected	ND			
M3Q9410	8020	FD	07/14/94	07/20/94	GCDEL14072011090	No Analytes Detected	ND			
MW-157	8240	NS	07/19/94	07/31/94	MSMSDB4073012010	1,1-Dichloroethene	11	(9.6)		6.0 MCL
						Freon 113	141	(8.85)		
						Tetrachloroethene	90	(7.3)		5.0 MCL
						Trichloroethene	492	(7.8)		5.0 MCL
MW-157	6010	NS	07/14/94	08/03/94	EMJA614080310000	Barium	0.052	(0.0009)		1.0 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MW-157	6010	NS	07/14/94	08/03/94	EMJA614080310000	Calcium	26 B	(0.0175)		
						Chromium	0.011	(0.0052)		0.050 MCL
						Magnesium	19	(0.0479)		
						Potassium	2.6	(0.822)		
						Sodium	23	(0.0401)		
						Vanadium	0.027	(0.0045)		
						Zinc	0.072	(0.004)		
MW-157	7060	NS	07/14/94	08/09/94	AAZ3__4080908100	Arsenic	0.0017	(0.0006)		0.050 MCL
MW-157	7421	NS	07/14/94	08/09/94	AAZ2__4080915450	Lead	ND	(0.0022)		0.015 MCL
MW-157	7470	NS	07/14/94	07/20/94	AAZ4__4072017370	Mercury	0.00020	(0.000033)		0.0020 MCL
MW-157	7740	NS	07/14/94	08/11/94	AAZ3__4081114580	Selenium	0.0049 S	(0.0006)		0.010 MCL
MW-158	8010	NS	07/14/94	07/23/94	GCPEA14072211130	1,1-Dichloroethene	44 P	(3.8)		6.0 MCL
						Methylene Chloride	1.8 P	(1.63)		5.0 MCL
						Tetrachloroethene	107	(1.16)		5.0 MCL
						Trichloroethene	852	(3.08)		5.0 MCL
MW-158	8020	NS	07/14/94	07/20/94	GCDEL14072011090	No Analytes Detected	ND			
MW-158	6010	NS	07/14/94	08/03/94	EMJA614080310000	Barium	0.053	(0.0009)		1.0 MCL
						Calcium	21 B	(0.0175)		
						Chromium	0.013	(0.0052)		0.050 MCL
						Magnesium	15	(0.0479)		
						Manganese	0.0081	(0.0016)		
						Nickel	0.043	(0.0141)		0.10 MCL
						Potassium	1.1	(0.822)		
						Sodium	19	(0.0401)		
						Vanadium	0.024	(0.0045)		
						Zinc	0.031	(0.004)		
MW-158	7060	NS	07/14/94	08/09/94	AAZ3__4080908100	Arsenic	0.0019	(0.0006)		0.050 MCL
MW-158	7421	NS	07/14/94	08/09/94	AAZ2__4080915450	Lead	ND	(0.0022)		0.015 MCL
MW-158	7470	NS	07/14/94	07/20/94	AAZ4__4072017370	Mercury	0.00010	(0.000033)		0.0020 MCL
MW-158	7740	NS	07/14/94	08/11/94	AAZ3__4081114580	Selenium	0.0022 S	(0.0006)		0.010 MCL
MW-159	8010	NS	07/14/94	07/23/94	GCPEA14072211130	Chloroform	6.1	(0.754)		100 PMCL
						Tetrachloroethene	15	(0.466)		5.0 MCL
						Trichloroethene	259	(1.23)		5.0 MCL
						cis-1,2-Dichloroethene	28	(1.09)		6.0 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MW-159	8020	NS	07/14/94	07/20/94	GCDEL14072011090	No Analytes Detected	ND			
EB-159	8020	EB	07/14/94	07/22/94	GCPEA24072211130	No Analytes Detected	ND			
MW-159	6010	NS	07/14/94	08/03/94	EMJA614080310000	Barium	0.032	(0.0009)		1.0 MCL
						Calcium	16 B	(0.0175)		
						Chromium	0.015	(0.0052)		0.050 MCL
						Iron	0.013	(0.0045)		
						Magnesium	11	(0.0479)		
						Nickel	0.044	(0.0141)		0.10 MCL
						Potassium	1.1	(0.822)		
						Sodium	17	(0.0401)		
						Vanadium	0.026	(0.0045)		
						Zinc	0.011	(0.004)		
MW-159	7060	NS	07/14/94	08/09/94	AAZ3__4080908100	Arsenic	0.0029	(0.0006)		0.050 MCL
MW-159	7421	NS	07/14/94	08/09/94	AAZ2__4080915450	Lead	ND	(0.0022)		0.015 MCL
MW-159	7470	NS	07/14/94	07/20/94	AAZ4__4072017370	Mercury	0.00010	(0.000033)		0.0020 MCL
MW-159	7740	NS	07/14/94	08/11/94	AAZ3__4081114580	Selenium	0.0037 S	(0.0006)		0.010 MCL
MW-162	8010	NS	08/05/94	08/12/94	GCPEA14081118210	1,1-Dichloroethane	0.86	(0.113)		5.0 MCL
						Trichloroethene	8.5	(0.123)		5.0 MCL
						cis-1,2-Dichloroethene	0.65	(0.109)		6.0 MCL
MW-169	8010	NS	07/28/94	08/09/94	GCPEA14080810580	Methylene Chloride	0.065 H	(0.0652)		5.0 MCL
						Tetrachloroethene	0.25 H	(0.0466)		5.0 MCL
						Trichloroethene	4.4 H	(0.123)		5.0 MCL
MW-197	8010	NS	07/28/94	08/09/94	GCPEA14080810580	Methylene Chloride	0.11 H	(0.0652)		5.0 MCL
						Trichloroethene	0.24 H	(0.123)		5.0 MCL
AB-197	8010	AB	07/28/94	08/09/94	GCPEA14080810580	No Analytes Detected	ND			
MW-197	8020	NS	07/28/94	08/08/94	GCKAY14080810140	No Analytes Detected	ND			
MW-205	8010	NS	07/13/94	07/22/94	GCPEA14072211130	No Analytes Detected	ND			
MW-205	8020	NS	07/13/94	07/21/94	GCDEL14072011090	No Analytes Detected	ND			
MW-210	8010	NS	07/11/94	07/20/94	GCPEA14071910280	1,1-Dichloroethene	5.2 H	(0.152)		6.0 MCL
						Carbon Tetrachloride	4.8 H	(0.178)		0.50 MCL
						Chloroform	0.65 H	(0.0754)		100 PMCL
						Methylene Chloride	0.20 H	(0.0652)		5.0 MCL
						Trichloroethene	1.6 H	(0.123)		5.0 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MW-210	8020	NS	07/11/94	07/20/94	GCPEA24071910280	No Analytes Detected	ND			
MW-212	8010	NS	07/11/94	07/20/94	GCPEA14071910280	Carbon Tetrachloride	0.47 H	(0.178)		0.50 MCL
						Chloroform	0.89 H	(0.0754)		100 PMCL
						Trichloroethene	0.47 H	(0.123)		5.0 MCL
MW-212	8020	NS	07/11/94	07/20/94	GCPEA24071910280	No Analytes Detected	ND			
MW-213	8010	NS	08/03/94	08/11/94	GCPEA14081015460	Trichloroethene	0.83 C	(0.123)		5.0 MCL
MW-213	8020	NS	08/03/94	08/10/94	GCKAY14081012330	No Analytes Detected	ND			
MW-218	8010	NS	07/20/94	08/01/94	GCPEA14080116210	Trichloroethene	1.2 H	(0.123)		5.0 MCL
						cis-1,2-Dichloroethene	0.45 H	(0.109)		6.0 MCL
EB-218	8010	EB	07/20/94	07/29/94	GCPEA14072820370	No Analytes Detected	ND			
MW-218	8020	NS	07/20/94	07/29/94	GCKAY14072821530	No Analytes Detected	ND			
M3Q9411	8020	FD	07/20/94	07/26/94	GCDEL14072612250	No Analytes Detected	ND			
MW-220	8010	NS	07/28/94	08/09/94	GCPEA14080810580	Methylene Chloride	0.52 P	(0.0652)		5.0 MCL
						Tetrachloroethene	0.38	(0.0466)		5.0 MCL
						Trichloroethene	4.8	(0.123)		5.0 MCL
						Trichlorofluoromethane	0.33	(0.15)		150 AL
						cis-1,2-Dichloroethene	0.32	(0.109)		6.0 MCL
MW-220	8020	NS	07/28/94	08/08/94	GCKAY14080810140	No Analytes Detected	ND			
MW-222	8010	NS	08/01/94	08/09/94	GCPEA14080913470	1,2-Dichloroethane	0.25	(0.0625)		0.50 MCL
						Carbon Tetrachloride	3.1	(0.178)		0.50 MCL
						Chloroform	4.1	(0.0754)		100 PMCL
						Trichloroethene	24	(0.123)		5.0 MCL
						cis-1,2-Dichloroethene	4.4	(0.109)		6.0 MCL
M3Q9412	8010	FD	08/01/94	08/10/94	GCPEA14080913470	1,2-Dichloroethane	0.28	(0.0625)		0.50 MCL
						Carbon Tetrachloride	3.7	(0.178)		0.50 MCL
						Chloroform	4.8	(0.0754)		100 PMCL
						Trichloroethene	26	(0.123)		5.0 MCL
						cis-1,2-Dichloroethene	4.8	(0.109)		6.0 MCL
MW-227	8010	NS	08/01/94	08/10/94	GCPEA14080913470	No Analytes Detected	ND			
MW-228	8010	FD	07/27/94	08/08/94	GCPEA14080810580	1,1-Dichloroethene	1.3 H	(0.152)		6.0 MCL
						1,2-Dichloroethane	29 H	(0.0625)		0.50 MCL
						Chloroform	2.2 H	(0.0754)		100 PMCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MW-228	8010	FD	07/27/94	08/08/94	GCPEA14080810580	Tetrachloroethene	0.12 H	(0.0466)		5.0 MCL
						Trichloroethene	2.9 H	(0.123)		5.0 MCL
						1,1-Dichloroethene	1.4	(0.152)		6.0 MCL
						1,2-Dichloroethane	31	(0.0625)		0.50 MCL
						Chloroform	2.2	(0.0754)		100 PMCL
						Chloromethane	0.096 P	(0.0933)		
						Tetrachloroethene	0.10	(0.0466)		5.0 MCL
						Trichloroethene	2.8	(0.123)		5.0 MCL
MW-228	8020	FD	07/27/94	08/05/94	GCKAY14080502060	Benzene	0.34	(0.0425)	J	1.0 MCL
MW-236	8010	NS	07/14/94	07/23/94	GCPEA14072211130	Tetrachloroethene	135	(2.33)		5.0 MCL
						Trichloroethene	1100	(6.15)		5.0 MCL
MW-236	8020	NS	07/14/94	07/20/94	GCDEL14072011090	No Analytes Detected	ND			
EB-236	8020	EB	07/14/94	07/22/94	GCPEA24072211130	1,3-Dichlorobenzene	1.3	(0.0664)		130 AL
						Benzene	0.079	(0.0752)		1.0 MCL
MW-236	6010	NS	07/14/94	08/03/94	EMJA614080310000	Barium	0.044	(0.0009)		1.0 MCL
						Calcium	17 B	(0.0175)		
						Chromium	0.014	(0.0052)		0.050 MCL
						Iron	0.022	(0.0045)		
						Magnesium	12	(0.0479)		
						Manganese	0.0056	(0.0016)		
						Nickel	0.072	(0.0141)		0.10 MCL
						Potassium	1.5	(0.822)		
						Sodium	17	(0.0401)		
						Vanadium	0.026	(0.0045)		
						Zinc	0.024	(0.004)		
MW-236	7060	NS	07/14/94	08/09/94	AAZ3__4080908100	Arsenic	0.0028	(0.0006)		0.050 MCL
MW-236	7421	NS	07/14/94	08/09/94	AAZ2__4080915450	Lead	ND	(0.0022)		0.015 MCL
MW-236	7470	NS	07/14/94	07/20/94	AAZ4__4072017370	Mercury	ND	(0.000033)		0.0020 MCL
MW-236	7740	NS	07/14/94	08/11/94	AAZ3__4081114580	Selenium	0.0038 S	(0.0006)		0.010 MCL
MW-237	8010	NS	07/18/94	07/28/94	GCPEA14072715290	No Analytes Detected	ND			
MW-237	8020	NS	07/18/94	07/28/94	GCPEA24072715290	No Analytes Detected	ND			
MW-237	6010	NS	07/18/94	08/11/94	EMJA614081120300	Barium	0.041	(0.0009)		1.0 MCL
						Calcium	13 B	(0.0175)		
						Chromium	0.012	(0.0052)		0.050 MCL
						Copper	0.011	(0.0092)		1.3 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MW-237	6010	NS	07/18/94	08/11/94	EMJA614081120300	Magnesium	8.9	(0.0479)		
						Manganese	0.0073	(0.0016)		
						Nickel	0.039	(0.0141)		0.10 MCL
						Potassium	1.1	(0.822)		
						Sodium	17 B	(0.0401)		
						Vanadium	0.033	(0.0045)		
MW-237	7060	NS	07/18/94	08/10/94	AAZ4__4081008330	Arsenic	0.0057	(0.0021)		0.050 MCL
MW-237	7421	NS	07/18/94	08/10/94	AAZ2__4081020000	Lead	ND	(0.0022)		0.015 MCL
MW-237	7470	NS	07/18/94	07/22/94	AAZ4__4072210290	Mercury	ND	(0.000033)		0.0020 MCL
MW-237	7740	NS	07/18/94	08/12/94	AAZ3__4081209490	Selenium	ND	(0.0006)		0.010 MCL
MW-240	8010	NS	07/18/94	07/28/94	GCPEA14072715290	Trichloroethene	0.61 H	(0.123)		5.0 MCL
MW-240	8020	NS	07/18/94	07/28/94	GCPEA24072715290	No Analytes Detected	ND			
MW-240	6010	NS	07/18/94	08/11/94	EMJA614081120300	Barium	0.025	(0.0009)		1.0 MCL
						Calcium	12 B	(0.0175)		
						Chromium	0.011	(0.0052)		0.050 MCL
						Copper	0.033	(0.0092)		1.3 MCL
						Lead	0.037	(0.0216)		0.015 MCL
						Magnesium	8.7	(0.0479)		
						Manganese	0.030	(0.0016)		
						Nickel	0.27	(0.0141)		0.10 MCL
						Potassium	2.9	(0.822)		
						Sodium	17 B	(0.0401)		
						Vanadium	0.029	(0.0045)		
MW-240	7060	NS	07/18/94	08/10/94	AAZ4__4081008330	Arsenic	0.0022	(0.0021)		0.050 MCL
MW-240	7421	NS	07/18/94	08/10/94	AAZ2__4081020000	Lead	ND	(0.0022)		0.015 MCL
MW-240	7470	NS	07/18/94	07/22/94	AAZ4__4072210290	Mercury	ND	(0.000033)		0.0020 MCL
MW-240	7740	NS	07/18/94	08/12/94	AAZ3__4081209490	Selenium	ND	(0.0006)		0.010 MCL
MW-241	8010	NS	07/18/94	07/29/94	GCPEA14072820370	1,1,1-Trichloroethane	0.19	(0.123)		200 MCL
						1,1-Dichloroethane	1.8	(0.113)		5.0 MCL
						1,1-Dichloroethene	12	(0.152)		6.0 MCL
						1,2-Dichloroethane	10	(0.0625)		0.50 MCL
						Trichloroethene	30	(0.123)		5.0 MCL
						Vinyl Chloride	0.18	(0.132)		0.50 MCL
						cis-1,2-Dichloroethene	1.0	(0.109)		6.0 MCL
						trans-1,2-Dichloroethene	0.23	(0.186)		10 PMCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MW-241	8020	NS	07/18/94	07/25/94	GCDEL14072511160	1,2-Dichlorobenzene	0.34 H	(0.117)		130 AL
						Benzene	0.078 H	(0.0589)		1.0 MCL
MW-241	6010	NS	07/18/94	08/11/94	EMJA614081120300	Barium	0.045	(0.0009)		1.0 MCL
						Calcium	14 B	(0.0175)		
						Chromium	0.021	(0.0052)		0.050 MCL
						Copper	0.012	(0.0092)		1.3 MCL
						Lead	0.028	(0.0216)		0.015 MCL
						Magnesium	10	(0.0479)		
						Manganese	0.016	(0.0016)		
						Nickel	0.58	(0.0141)		0.10 MCL
						Potassium	1.1	(0.822)		
						Sodium	16 B	(0.0401)		
						Vanadium	0.025	(0.0045)		
						Zinc	0.046 B	(0.004)		
MW-241	7060	NS	07/18/94	08/10/94	AAZ4__4081008330	Arsenic	ND	(0.0021)		0.050 MCL
MW-241	7421	NS	07/18/94	08/10/94	AAZ2__4081020000	Lead	ND	(0.0022)		0.015 MCL
MW-241	7470	NS	07/18/94	07/22/94	AAZ4__4072210290	Mercury	ND	(0.000033)		0.0020 MCL
MW-241	7740	NS	07/18/94	08/12/94	AAZ3__4081209490	Selenium	0.0018 S	(0.0006)		0.010 MCL
MW-242	8010	NS	07/18/94	07/29/94	GCPEA14072820370	1,1,1-Trichloroethane	0.12	(0.123)		200 MCL
						1,1-Dichloroethane	0.22	(0.113)		5.0 MCL
						1,1-Dichloroethene	35	(0.152)		6.0 MCL
						1,2-Dichloroethane	1.6	(0.0625)		0.50 MCL
						Trichloroethene	35	(0.123)		5.0 MCL
						cis-1,2-Dichloroethene	0.50	(0.109)		6.0 MCL
AB-242	8010	AB	07/18/94	07/28/94	GCPEA14072715290	No Analytes Detected	ND			
MW-242	8020	NS	07/18/94	07/25/94	GCDEL14072511160	No Analytes Detected	ND			
AB-242	8020	AB	07/18/94	07/28/94	GCPEA24072715290	No Analytes Detected	ND			
MW-242	6010	NS	07/18/94	08/11/94	EMJA614081120300	Barium	0.042	(0.0009)		1.0 MCL
						Calcium	13 B	(0.0175)		
						Chromium	0.012	(0.0052)		0.050 MCL
						Copper	0.011	(0.0092)		1.3 MCL
						Magnesium	9.1	(0.0479)		
						Manganese	0.0073	(0.0016)		
						Nickel	0.16	(0.0141)		0.10 MCL
						Potassium	1.00	(0.822)		
						Sodium	16 B	(0.0401)		

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MW-242	6010	NS	07/18/94	08/11/94	EMJA614081120300	Vanadium	0.033	(0.0045)		
MW-242	7060	NS	07/18/94	08/10/94	AAZ4__4081008330	Arsenic	0.0032	(0.0021)		0.050 MCL
MW-242	7421	NS	07/18/94	08/10/94	AAZ2__4081020000	Lead	ND	(0.0022)		0.015 MCL
MW-242	7470	NS	07/18/94	07/22/94	AAZ4__4072210290	Mercury	ND	(0.000033)		0.0020 MCL
MW-242	7740	NS	07/18/94	08/12/94	AAZ3__4081209490	Selenium	0.00070 S	(0.0006)		0.010 MCL
MW-243	8010	NS	07/05/94	07/11/94	GCPEA14071110140	1,1-Dichloroethene	0.41	(0.152)		6.0 MCL
						Trichloroethene	0.57	(0.123)		5.0 MCL
MW-243	8020	NS	07/05/94	07/11/94	GCPEA24071110140	No Analytes Detected	ND			
MW-243	6010	NS	07/05/94	08/03/94	EMJA614080310000	Barium	0.058	(0.0009)		1.0 MCL
						Cadmium	0.010	(0.0039)		0.0050 MCL
						Calcium	20 B	(0.0175)		
						Iron	0.26	(0.0045)		
						Magnesium	14	(0.0479)		
						Manganese	0.45	(0.0016)		
						Nickel	0.24	(0.0141)		0.10 MCL
						Potassium	2.0	(0.822)		
						Sodium	16	(0.0401)		
						Vanadium	0.014	(0.0045)		
						Zinc	0.0072	(0.004)		
MW-243	7060	NS	07/05/94	07/21/94	AAZ3__4072119140	Arsenic	ND	(0.0006)		0.050 MCL
MW-243	7421	NS	07/05/94	08/08/94	AAZ2__4080817150	Lead	ND	(0.0022)		0.015 MCL
MW-243	7470	NS	07/05/94	07/15/94	AAZ4__4071517490	Mercury	ND	(0.000033)		0.0020 MCL
MW-243	7740	NS	07/05/94	08/05/94	AAZ3__4080507550	Selenium	ND	(0.0006)		0.010 MCL
MW-244	8010	NS	07/05/94	07/11/94	GCPEA14071110140	Methylene Chloride	14 HB	(1.63)		5.0 MCL
						Trichloroethene	761 H	(3.08)		5.0 MCL
						cis-1,2-Dichloroethene	14 H	(2.72)		6.0 MCL
MW-244	8020	NS	07/05/94	07/12/94	GCPEA24071110140	No Analytes Detected	ND			
MW-244	6010	NS	07/05/94	08/03/94	EMJA614080310000	Barium	0.041	(0.0009)		1.0 MCL
						Calcium	33 B	(0.0175)		
						Chromium	0.0063	(0.0052)		0.050 MCL
						Copper	0.011	(0.0092)		1.3 MCL
						Magnesium	19	(0.0479)		

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MW-244	6010	NS	07/05/94	08/03/94	EMJA614080310000	Manganese	0.016	(0.0016)		
						Nickel	0.087	(0.0141)		0.10 MCL
						Potassium	3.2	(0.822)		
						Sodium	22	(0.0401)		
						Vanadium	0.023	(0.0045)		
						Zinc	0.011	(0.004)		
MW-244	7060	NS	07/05/94	07/21/94	AAZ3__4072119140	Arsenic	0.0018	(0.0006)		0.050 MCL
MW-244	7421	NS	07/05/94	08/08/94	AAZ2__4080817150	Lead	ND	(0.0022)		0.015 MCL
MW-244	7470	NS	07/05/94	07/15/94	AAZ4__4071517490	Mercury	ND	(0.000033)		0.0020 MCL
MW-244	7740	NS	07/05/94	08/05/94	AAZ3__4080507550	Selenium	0.0018 S	(0.0006)		0.010 MCL
MW-270	8010	NS	07/15/94	07/27/94	GCPEA14072612170	Methylene Chloride	19 P	(16.3)		5.0 MCL
						Tetrachloroethene	280	(11.6)		5.0 MCL
						Trichloroethene	3670	(30.8)		5.0 MCL
						cis-1,2-Dichloroethene	146	(27.2)		6.0 MCL
AB-270	8010	AB	07/15/94	07/26/94	GCPEA14072612170	Methylene Chloride	0.38 P	(0.0652)		5.0 MCL
MW-270	8020	NS	07/15/94	07/22/94	GCDEL14072212040	Benzene	2.6 H	(0.0589)		1.0 MCL
						Chlorobenzene	0.16 H	(0.116)		30 AL
AB-270	8020	AB	07/15/94	07/26/94	GCPEA24072612170	No Analytes Detected	ND			
MW-270	8240	NS	07/19/94	07/30/94	MSMSDB4073012010	1,1-Dichloroethene	4.9	(1.92)		6.0 MCL
						Acetone	9.1 B	(5.87)		
						Benzene	2.3	(0.657)		1.0 MCL
						Chloroform	5.3	(0.602)		100 PMCL
						Freon 113	4.0	(1.77)		
						Trichloroethene	3460	(78)		5.0 MCL
						trans-1,2-Dichloroethene	3.6	(1.67)		10 PMCL
AB-270	8240	AB	07/19/94	07/30/94	MSMSDB4073012010	No Analytes Detected	ND			
MW-270	6010	NS	07/15/94	08/11/94	EMJA614081120300	Barium	0.034	(0.0009)		1.0 MCL
						Calcium	23 B	(0.0175)		
						Chromium	0.0061	(0.0052)		0.050 MCL
						Cobalt	0.0055	(0.0041)		
						Copper	0.011	(0.0092)		1.3 MCL
						Iron	0.14 B	(0.0045)		
						Lead	0.032	(0.0216)		0.015 MCL
						Magnesium	17	(0.0479)		
						Manganese	0.016	(0.0016)		
						Nickel	0.37	(0.0141)		0.10 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MW-270	6010	NS	07/15/94	08/11/94	EMJA614081120300	Potassium	1.0	(0.822)		
						Sodium	19	(0.0401)		
						Vanadium	0.019	(0.0045)		
MW-270	7060	NS	07/15/94	08/10/94	AAZ3__4081003190	Arsenic	0.0019	(0.0006)		0.050 MCL
MW-270	7421	NS	07/15/94	08/10/94	AAZ3__4081007090	Lead	ND	(0.001)		0.015 MCL
MW-270	7470	NS	07/15/94	07/20/94	AAZ4__4072017370	Mercury	0.00020	(0.000033)		0.0020 MCL
MW-270	7740	NS	07/15/94	08/11/94	AAZ3__4081111290	Selenium	0.00090 S	(0.0006)		0.010 MCL
MW-271	8010	NS	07/15/94	07/28/94	GCPEA14072715290	1,2-Dichloroethane	1.6 H	(0.0625)		0.50 MCL
						1,2-Dichloropropane	0.47 H	(0.0774)		5.0 PMCL
						Chloroform	0.76 H	(0.0754)		100 PMCL
						Tetrachloroethene	0.52 H	(0.0466)		5.0 MCL
						Trichloroethene	22 H	(0.123)		5.0 MCL
						cis-1,2-Dichloroethene	0.19 H	(0.109)		6.0 MCL
MW-271	8020	NS	07/15/94	07/22/94	GCDEL14072212040	No Analytes Detected	ND			
MW-271	6010	NS	07/15/94	08/11/94	EMJA614081120300	Barium	0.050	(0.0009)		1.0 MCL
						Calcium	29 B	(0.0175)		
						Copper	0.015	(0.0092)		1.3 MCL
						Magnesium	19	(0.0479)		
						Manganese	0.035	(0.0016)		
						Nickel	0.27	(0.0141)		0.10 MCL
						Potassium	1.4	(0.822)		
						Sodium	22	(0.0401)		
						Vanadium	0.018	(0.0045)		
						Zinc	0.0094 B	(0.004)		
MW-271	7060	NS	07/15/94	08/10/94	AAZ3__4081003190	Arsenic	0.0018	(0.0006)		0.050 MCL
MW-271	7421	NS	07/15/94	08/10/94	AAZ3__4081007090	Lead	ND	(0.001)		0.015 MCL
MW-271	7470	NS	07/15/94	07/20/94	AAZ4__4072017370	Mercury	ND	(0.000033)		0.0020 MCL
MW-271	7740	NS	07/15/94	08/11/94	AAZ3__4081111290	Selenium	0.0013 S	(0.0006)		0.010 MCL
MW-272	8010	NS	07/15/94	07/28/94	GCPEA14072715290	Trichloroethene	101 H	(1.23)		5.0 MCL
MW-272	8020	NS	07/15/94	07/22/94	GCDEL14072212040	No Analytes Detected	ND			
MW-272	6010	NS	07/15/94	08/11/94	EMJA614081120300	Barium	0.013	(0.0009)		1.0 MCL
						Calcium	18 B	(0.0175)		
						Chromium	0.020	(0.0052)		0.050 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MW-272	6010	NS	07/15/94	08/11/94	EMJA614081120300	Copper	0.025	(0.0092)		1.3 MCL
						Lead	0.032	(0.0216)		0.015 MCL
						Magnesium	12	(0.0479)		
						Nickel	0.026	(0.0141)		0.10 MCL
						Potassium	2.5	(0.822)		
						Sodium	19	(0.0401)		
						Vanadium	0.024	(0.0045)		
						Zinc	0.023 B	(0.004)		
MW-272	7060	NS	07/15/94	08/10/94	AAZ3__4081003190	Arsenic	0.0032	(0.0006)		0.050 MCL
MW-272	7421	NS	07/15/94	08/10/94	AAZ3__4081007090	Lead	ND	(0.001)		0.015 MCL
MW-272	7470	NS	07/15/94	07/20/94	AAZ4__4072017370	Mercury	0.00010	(0.000033)		0.0020 MCL
MW-272	7740	NS	07/15/94	08/11/94	AAZ3__4081111290	Selenium	ND	(0.0006)		0.010 MCL
MW-282	8010	NS	07/19/94	07/29/94	GCPEA14072820370	1,1-Dichloroethene	12 P	(0.152)		6.0 MCL
						1,2-Dichloroethane	0.072	(0.0625)		0.50 MCL
						Carbon Tetrachloride	0.92	(0.178)		0.50 MCL
						Chloroform	1.5	(0.0754)		100 PMCL
						Methylene Chloride	0.18 B	(0.0652)		5.0 MCL
						Tetrachloroethene	0.43	(0.0466)		5.0 MCL
						Trichloroethene	22	(0.123)		5.0 MCL
						Trichlorofluoromethane	0.84 PB	(0.15)		150 AL
MW-282	8020	NS	07/19/94	07/29/94	GCKAY14072821530	No Analytes Detected	ND			
MW-282	8240	NS	07/19/94	07/30/94	MSMSDB4073012010	Freon 113	17	(1.77)		
						Trichloroethene	21	(1.56)		5.0 MCL
M3Q9414	8240	FD	07/19/94	07/30/94	MSMSDB4073012010	Freon 113	19	(1.77)		
						Trichloroethene	26	(1.56)		5.0 MCL
MW-282	6010	NS	07/19/94	08/12/94	EMJA614081120300	Barium	0.041	(0.0009)		1.0 MCL
						Calcium	22 B	(0.0175)		
						Chromium	0.0090	(0.0052)		0.050 MCL
						Copper	0.011	(0.0092)		1.3 MCL
						Iron	0.0053 B	(0.0045)		
						Magnesium	16	(0.0479)		
						Potassium	1.0	(0.822)		
						Sodium	18 B	(0.0401)		
						Vanadium	0.025	(0.0045)		
						Zinc	0.021 B	(0.004)		
MW-282	7060	NS	07/19/94	08/12/94	AAZ4__4081108270	Arsenic	0.0035	(0.0021)		0.050 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MW-282	7421	NS	07/19/94	08/11/94	AAZ2__4081117000	Lead	ND	(0.0022)		0.015 MCL
MW-282	7470	NS	07/19/94	07/22/94	AAZ4__4072210290	Mercury	ND	(0.000033)		0.0020 MCL
MW-282	7740	NS	07/19/94	08/07/94	AAZ3__4080709020	Selenium	0.0037 SX	(0.0006)		0.010 MCL
MW-283	8010	NS	07/05/94	07/11/94	GCPEA14071110140	Chloroform	0.65 H	(0.0754)		100 PMCL
						Trichloroethene	2.0 H	(0.123)		5.0 MCL
						cis-1,2-Dichloroethene	0.85 H	(0.109)		6.0 MCL
MW-283	8020	NS	07/05/94	07/11/94	GCPEA24071110140	No Analytes Detected	ND			
MW-283	6010	NS	07/05/94	08/03/94	EMJA614080310000	Barium	0.015	(0.0009)		1.0 MCL
						Calcium	19 B	(0.0175)		
						Chromium	0.0074	(0.0052)		0.050 MCL
						Magnesium	13	(0.0479)		
						Nickel	0.030	(0.0141)		0.10 MCL
						Potassium	1.8	(0.822)		
						Sodium	19	(0.0401)	J-	
						Vanadium	0.026	(0.0045)		
						Zinc	0.029	(0.004)		
MW-283	7060	NS	07/05/94	07/21/94	AAZ3__4072119140	Arsenic	0.0022	(0.0006)		0.050 MCL
MW-283	7421	NS	07/05/94	08/08/94	AAZ2__4080817150	Lead	ND	(0.0022)		0.015 MCL
MW-283	7470	NS	07/05/94	07/15/94	AAZ4__4071517490	Mercury	ND	(0.000033)		0.0020 MCL
MW-283	7740	NS	07/05/94	08/05/94	AAZ3__4080507550	Selenium	0.0017 S	(0.0006)		0.010 MCL
MW-284	8010	NS	07/15/94	07/27/94	GCPEA14072715290	Tetrachloroethene	0.60 H	(0.0466)		5.0 MCL
						Trichloroethene	3.8 H	(0.123)		5.0 MCL
						cis-1,2-Dichloroethene	0.13 H	(0.109)		6.0 MCL
MW-284	8020	NS	07/15/94	07/27/94	GCPEA24072715290	No Analytes Detected	ND			
MW-284	6010	NS	07/15/94	08/11/94	EMJA614081120300	Barium	0.039	(0.0009)		1.0 MCL
						Calcium	15 B	(0.0175)		
						Chromium	0.0086	(0.0052)		0.050 MCL
						Copper	0.011	(0.0092)		1.3 MCL
						Magnesium	12	(0.0479)		
						Manganese	0.0056	(0.0016)		
						Nickel	0.041	(0.0141)		0.10 MCL
						Potassium	1.2	(0.822)		
						Sodium	15	(0.0401)		
						Vanadium	0.027	(0.0045)		

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
EB-284	6010	EB	07/15/94	08/11/94	EMJA614081120300	Lead	0.031	(0.0216)		0.015 MCL
						Sodium	0.30	(0.0401)		
MW-284	7060	NS	07/15/94	08/10/94	AAZ3__4081003190	Arsenic	0.0029	(0.0006)		0.050 MCL
EB-284	7060	EB	07/15/94	08/10/94	AAZ3__4081003190	Arsenic	ND	(0.0006)		0.050 MCL
MW-284	7421	NS	07/15/94	08/10/94	AAZ3__4081007090	Lead	ND	(0.001)		0.015 MCL
EB-284	7421	EB	07/15/94	08/10/94	AAZ3__4081007090	Lead	ND	(0.001)		0.015 MCL
MW-284	7470	NS	07/15/94	07/20/94	AAZ4__4072017370	Mercury	0.00010	(0.000033)		0.0020 MCL
EB-284	7470	EB	07/15/94	07/20/94	AAZ4__4072017370	Mercury	ND	(0.000033)		0.0020 MCL
MW-284	7740	NS	07/15/94	08/11/94	AAZ3__4081111290	Selenium	0.0031 S	(0.0006)		0.010 MCL
EB-284	7740	EB	07/15/94	08/11/94	AAZ3__4081111290	Selenium	0.0012 S	(0.0006)		0.010 MCL
MW-285	8010	NS	07/15/94	07/28/94	GCPEA14072715290	1,1,1-Trichloroethane	0.13 H	(0.123)		200 MCL
EB-285	8010	EB	07/15/94	07/26/94	GCPEA14072612170	No Analytes Detected	ND			
MW-285	8020	NS	07/15/94	07/28/94	GCPEA24072715290	No Analytes Detected	ND			
MW-285	8240	NS	07/19/94	07/31/94	MSMSDB4073012010	No Analytes Detected	ND			
MW-285	6010	NS	07/15/94	08/11/94	EMJA614081120300	Barium	0.030	(0.0009)		1.0 MCL
						Calcium	15 B	(0.0175)		
						Chromium	0.0097	(0.0052)		0.050 MCL
						Copper	0.011	(0.0092)		1.3 MCL
						Magnesium	9.4	(0.0479)		
						Sodium	14	(0.0401)		
						Vanadium	0.034	(0.0045)		
MW-285	7060	NS	07/15/94	08/10/94	AAZ3__4081003190	Arsenic	0.0044	(0.0006)		0.050 MCL
MW-285	7421	NS	07/15/94	08/10/94	AAZ3__4081007090	Lead	ND	(0.001)		0.015 MCL
MW-285	7470	NS	07/15/94	07/20/94	AAZ4__4072017370	Mercury	ND	(0.000033)		0.0020 MCL
MW-285	7740	NS	07/15/94	08/11/94	AAZ3__4081111290	Selenium	0.0023 S	(0.0006)		0.010 MCL
MW-286	8010	NS	07/15/94	07/28/94	GCPEA14072715290	1,1-Dichloroethane	19	(0.113)		5.0 MCL
						1,1-Dichloroethene	0.47	(0.152)		6.0 MCL
						1,2-Dichloroethane	0.99	(0.0625)		0.50 MCL
						1,2-Dichloropropane	0.33 P	(0.0774)		5.0 PMCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MW-286	8010	NS	07/15/94	07/28/94	GCPEA14072715290	Chloroform	2.6	(0.0754)		100 PMCL
						Tetrachloroethene	1.4	(0.0466)		5.0 MCL
						Trichloroethene	14	(0.123)		5.0 MCL
						cis-1,2-Dichloroethene	18	(0.109)		6.0 MCL
						trans-1,2-Dichloroethene	1.2 P	(0.186)		10 PMCL
M3Q9416	8010	FD	07/15/94	07/27/94	GCPEA14072612170	1,1-Dichloroethane	19	(0.113)		5.0 MCL
						1,1-Dichloroethene	0.53	(0.152)		6.0 MCL
						1,2-Dichloroethane	1.1	(0.0625)		0.50 MCL
						1,2-Dichloropropane	0.38 P	(0.0774)		5.0 PMCL
						Chloroform	2.9	(0.0754)		100 PMCL
						Methylene Chloride	0.081 P	(0.0652)		5.0 MCL
						Tetrachloroethene	1.3	(0.0466)		5.0 MCL
						Trichloroethene	15	(0.123)		5.0 MCL
						cis-1,2-Dichloroethene	22	(0.109)		6.0 MCL
						trans-1,2-Dichloroethene	0.62 P	(0.186)		10 PMCL
MW-286	8020	NS	07/15/94	07/28/94	GCPEA24072715290	No Analytes Detected	ND			
MW-286	6010	NS	07/15/94	08/11/94	EMJA614081120300	Barium	0.15	(0.0009)		1.0 MCL
						Calcium	60 B	(0.0175)		
						Chromium	0.0061	(0.0052)		0.050 MCL
						Copper	0.0097	(0.0092)		1.3 MCL
						Iron	0.26 B	(0.0045)		
						Lead	0.044	(0.0216)		0.015 MCL
						Magnesium	45	(0.0479)		
						Manganese	0.047	(0.0016)		
						Nickel	0.21	(0.0141)		0.10 MCL
						Potassium	1.7	(0.822)		
						Sodium	31	(0.0401)		
						Vanadium	0.019	(0.0045)		
MW-286	7060	NS	07/15/94	08/10/94	AAZ3__4081003190	Arsenic	0.0011	(0.0006)		0.050 MCL
MW-286	7421	NS	07/15/94	08/10/94	AAZ3__4081007090	Lead	ND	(0.001)		0.015 MCL
MW-286	7470	NS	07/15/94	07/20/94	AAZ4__4072017370	Mercury	ND	(0.000033)		0.0020 MCL
MW-286	7740	NS	07/15/94	08/11/94	AAZ3__4081111290	Selenium	0.0078 S	(0.0006)		0.010 MCL
MW-287	8010	NS	07/11/94	07/20/94	GCPEA14071910280	1,1-Dichloroethene	56 H	(3.8)		6.0 MCL
						Methylene Chloride	20 H	(1.63)		5.0 MCL
						Tetrachloroethene	24 H	(1.16)		5.0 MCL
						Trichloroethene	488 H	(3.08)		5.0 MCL
EB-287	8010	EB	07/11/94	07/20/94	GCPEA14071910280	No Analytes Detected	ND			

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MW-287	8020	NS	07/11/94	07/20/94	GCDEL14072011090	No Analytes Detected	ND			
MW-287	8240	NS	07/11/94	07/13/94	MSMSDA4071219440	1,1-Dichloroethene	3.2	(0.163)		6.0 MCL
						Acetone	5.6 B	(3.38)		
						Freon 113	81	(0.35)		
						Methylene Chloride	2.2 B	(0.316)		5.0 MCL
						Tetrachloroethene	22	(0.527)		5.0 MCL
						Trichloroethene	523	(15.6)	J	5.0 MCL
MW-287	6010	NS	07/11/94	08/03/94	EMJA614080310000	Barium	0.027	(0.0009)		1.0 MCL
						Calcium	14 B	(0.0175)		
						Chromium	0.0054	(0.0052)		0.050 MCL
						Magnesium	6.9	(0.0479)		
						Nickel	0.039	(0.0141)	J	0.10 MCL
						Potassium	2.2	(0.822)		
						Sodium	10	(0.0401)		
						Vanadium	0.019	(0.0045)		
						Zinc	0.14 B	(0.004)		
M3Q9417	6010	FD	07/11/94	08/03/94	EMJA614080310000	Barium	0.026	(0.0009)		1.0 MCL
						Calcium	14 B	(0.0175)		
						Chromium	0.0075	(0.0052)		0.050 MCL
						Cobalt	0.0047	(0.0041)		
						Magnesium	6.4	(0.0479)		
						Nickel	0.019	(0.0141)	J	0.10 MCL
						Potassium	2.6	(0.822)		
						Sodium	9.7	(0.0401)		
						Vanadium	0.017	(0.0045)		
						Zinc	0.16 B	(0.004)		
EB-287	6010	EB	07/11/94	08/03/94	EMJA614080310000	Cobalt	0.0083	(0.0041)		
						Potassium	1.7	(0.822)		
						Sodium	1.8	(0.0401)		
						Vanadium	0.0052	(0.0045)		
MW-287	7060	NS	07/11/94	08/09/94	AAZ3__4080908100	Arsenic	0.00070 S	(0.0006)	J	0.050 MCL
M3Q9417	7060	FD	07/11/94	08/09/94	AAZ3__4080908100	Arsenic	0.0012 S	(0.0006)	J	0.050 MCL
EB-287	7060	EB	07/11/94	08/09/94	AAZ3__4080908100	Arsenic	ND	(0.0006)		0.050 MCL
MW-287	7421	NS	07/11/94	08/08/94	AAZ2__4080817150	Lead	ND	(0.0022)		0.015 MCL
M3Q9417	7421	FD	07/11/94	08/08/94	AAZ2__4080817150	Lead	ND	(0.0022)		0.015 MCL
EB-287	7421	EB	07/11/94	08/08/94	AAZ2__4080817150	Lead	ND	(0.0022)		0.015 MCL
MW-287	7470	NS	07/11/94	07/15/94	AAZ4__4071517490	Mercury	ND	(0.000033)		0.0020 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
M3Q9417	7470	FD	07/11/94	07/15/94	AAZ4__4071517490	Mercury	ND	(0.000033)		0.0020 MCL
EB-287	7470	EB	07/11/94	07/15/94	AAZ4__4071517490	Mercury	ND	(0.000033)		0.0020 MCL
MW-287	7740	NS	07/11/94	08/02/94	AAZ4__4080219250	Selenium	ND	(0.0018)		0.010 MCL
M3Q9417	7740	FD	07/11/94	08/02/94	AAZ4__4080219250	Selenium	ND	(0.0018)		0.010 MCL
EB-287	7740	EB	07/11/94	08/02/94	AAZ4__4080219250	Selenium	ND	(0.0018)		0.010 MCL
MW-288	8010	NS	07/11/94	07/20/94	GCPEA14071910280	1,1-Dichloroethene	11 H	(1.52)		6.0 MCL
						Methylene Chloride	1.1 H	(0.652)		5.0 MCL
						Tetrachloroethene	14 H	(0.466)		5.0 MCL
						Trichloroethene	210 H	(1.23)		5.0 MCL
						cis-1,2-Dichloroethene	15 H	(1.09)		6.0 MCL
M3Q9418	8010	FD	07/11/94	07/20/94	GCPEA14071910280	Methylene Chloride	0.71	(0.652)		5.0 MCL
						Tetrachloroethene	17	(0.466)		5.0 MCL
						Trichloroethene	254	(1.23)		5.0 MCL
						cis-1,2-Dichloroethene	18	(1.09)		6.0 MCL
MW-288	8020	NS	07/11/94	07/20/94	GCDEL14072011090	No Analytes Detected	ND			
M3Q9418	8020	FD	07/11/94	07/20/94	GCDEL14072011090	No Analytes Detected	ND			
MW-288	8240	NS	07/11/94	07/13/94	MSMSDA4071219440	Acetone	5.4 B	(3.38)		
						Freon 113	21	(0.35)		
						Tetrachloroethene	19	(0.527)		5.0 MCL
MW-288	6010	NS	07/11/94	08/03/94	EMJA614080310000	Barium	0.040	(0.0009)		1.0 MCL
						Calcium	15 B	(0.0175)		
						Chromium	0.013	(0.0052)		0.050 MCL
						Magnesium	11	(0.0479)		
						Potassium	2.0	(0.822)		
						Sodium	18	(0.0401)		
						Vanadium	0.028	(0.0045)		
						Zinc	0.021 B	(0.004)		
MW-288	7060	NS	07/11/94	08/09/94	AAZ3__4080908100	Arsenic	0.0027 S	(0.0006)		0.050 MCL
MW-288	7421	NS	07/11/94	08/08/94	AAZ2__4080817150	Lead	ND	(0.0022)		0.015 MCL
MW-288	7470	NS	07/11/94	07/15/94	AAZ4__4071517490	Mercury	ND	(0.000033)		0.0020 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MW-288	7740	NS	07/11/94	08/02/94	AAZ4__4080219250	Selenium	ND	(0.0018)		0.010 MCL
MW-289	8010	NS	07/11/94	07/20/94	GCPEA14071910280	Methylene Chloride	1.5 H	(0.652)		5.0 MCL
						Trichloroethene	156 H	(1.23)		5.0 MCL
MW-289	8020	NS	07/11/94	07/20/94	GCDEL14072011090	No Analytes Detected	ND			
MW-289	8240	NS	07/11/94	07/24/94	MSMSDB4072319030	1,1-Dichloroethane	2.0	(0.777)		5.0 MCL
						1,1-Dichloroethene	6.0	(1.92)		6.0 MCL
						Trichloroethene	199	(1.56)		5.0 MCL
MW-289	6010	NS	07/11/94	08/03/94	EMJA614080310000	Barium	0.030	(0.0009)		1.0 MCL
						Calcium	17 B	(0.0175)		
						Cobalt	0.0070	(0.0041)		
						Iron	0.088 B	(0.0045)		
						Magnesium	13	(0.0479)		
						Manganese	0.051	(0.0016)		
						Nickel	0.096	(0.0141)		0.10 MCL
						Potassium	2.0	(0.822)		
						Sodium	17	(0.0401)		
						Vanadium	0.023	(0.0045)		
						Zinc	0.032 B	(0.004)		
MW-289	7060	NS	07/11/94	08/09/94	AAZ3__4080908100	Arsenic	0.0027 S	(0.0006)		0.050 MCL
MW-289	7421	NS	07/11/94	08/08/94	AAZ2__4080817150	Lead	0.0037	(0.0022)		0.015 MCL
MW-289	7470	NS	07/11/94	07/15/94	AAZ4__4071517490	Mercury	ND	(0.000033)		0.0020 MCL
MW-289	7740	NS	07/11/94	08/02/94	AAZ4__4080219250	Selenium	ND	(0.0018)		0.010 MCL
MW-290	8010	NS	07/18/94	07/29/94	GCPEA14072820370	1,1-Dichloroethene	2.0	(0.152)		6.0 MCL
						Tetrachloroethene	0.049	(0.0466)		5.0 MCL
						Trichloroethene	0.99 P	(0.123)		5.0 MCL
MW-290	8020	NS	07/18/94	07/28/94	GCKAY14072821530	Total Xylenes	0.076 H	(0.0721)		1750 MCL
MW-290	6010	NS	07/18/94	08/11/94	EMJA614081120300	Barium	0.022	(0.0009)		1.0 MCL
						Calcium	24 B	(0.0175)		
						Chromium	0.0077	(0.0052)		0.050 MCL
						Cobalt	0.0056	(0.0041)		
						Copper	0.012	(0.0092)		1.3 MCL
						Magnesium	13	(0.0479)		
						Manganese	0.0023	(0.0016)		

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MW-290	6010	NS	07/18/94	08/11/94	EMJA614081120300	Nickel	0.026	(0.0141)		0.10 MCL
						Potassium	1.1	(0.822)		
						Sodium	16 B	(0.0401)		
						Vanadium	0.023	(0.0045)		
MW-290	7060	NS	07/18/94	08/10/94	AAZ4__4081008330	Arsenic	0.0033	(0.0021)		0.050 MCL
MW-290	7421	NS	07/18/94	08/10/94	AAZ2__4081020000	Lead	0.0024	(0.0022)	J	0.015 MCL
MW-290	7470	NS	07/18/94	07/22/94	AAZ4__4072210290	Mercury	ND	(0.000033)		0.0020 MCL
MW-290	7740	NS	07/18/94	08/11/94	AAZ3__4081114580	Selenium	0.0014 S	(0.0006)		0.010 MCL
MW-291	8010	NS	07/08/94	07/15/94	GCPEA14071510010	1,1-Dichloroethane	3.1	(1.13)		5.0 MCL
						1,1-Dichloroethene	11	(1.52)		6.0 MCL
						Methylene Chloride	1.2 B	(0.652)		5.0 MCL
						Trichloroethene	203	(1.23)		5.0 MCL
MW-291	8020	NS	07/08/94	07/15/94	GCPEA24071510010	No Analytes Detected	ND			
MW-291	6010	NS	07/08/94	08/03/94	EMJA614080310000	Barium	0.011	(0.0009)		1.0 MCL
						Calcium	20 B	(0.0175)		
						Chromium	0.0095	(0.0052)		0.050 MCL
						Magnesium	14	(0.0479)		
						Manganese	0.037	(0.0016)		
						Nickel	0.039	(0.0141)		0.10 MCL
						Potassium	2.4	(0.822)		
						Sodium	18	(0.0401)		
						Vanadium	0.018	(0.0045)		
						Zinc	0.018 B	(0.004)		
MW-291	7060	NS	07/08/94	08/09/94	AAZ3__4080908100	Arsenic	0.0033 S	(0.0006)		0.050 MCL
MW-291	7421	NS	07/08/94	08/08/94	AAZ2__4080817150	Lead	ND	(0.0022)		0.015 MCL
MW-291	7470	NS	07/08/94	07/15/94	AAZ4__4071517490	Mercury	ND	(0.000033)		0.0020 MCL
MW-291	7740	NS	07/08/94	08/03/94	AAZ4__4080300020	Selenium	ND	(0.0018)		0.010 MCL
MW-292	8010	NS	07/27/94	08/08/94	GCPEA14080810580	Tetrachloroethene	0.56	(0.0466)		5.0 MCL
						Trichloroethene	2.8	(0.123)		5.0 MCL
MW-292	8020	NS	07/27/94	08/05/94	GCKAY14080502060	No Analytes Detected	ND			
MW-292	6010	NS	07/27/94	08/17/94	EMJA614081709300	Barium	0.015	(0.0009)		1.0 MCL
						Calcium	16 B	(0.0175)		

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MW-292	6010	NS	07/27/94	08/17/94	EMJA614081709300	Copper	0.012	(0.0092)		1.3 MCL
						Iron	0.057	(0.0045)		
						Magnesium	13	(0.0479)		
						Nickel	0.068	(0.0141)		0.10 MCL
						Potassium	1.3	(0.822)		
						Sodium	15	(0.0401)		
						Vanadium	0.017	(0.0045)		
						Zinc	0.0042	(0.004)		
MW-292	7060	NS	07/27/94	08/17/94	AAZ3__4081709000	Arsenic	0.0029	(0.0006)		0.050 MCL
MW-292	7421	NS	07/27/94	08/13/94	AAZ2__4081308300	Lead	ND	(0.0022)		0.015 MCL
MW-292	7470	NS	07/27/94	08/03/94	AAZ4__4080319360	Mercury	ND	(0.000033)		0.0020 MCL
MW-292	7740	NS	07/27/94	08/13/94	AAZ4__4081312500	Selenium	ND	(0.0018)		0.010 MCL
MW-1000	8010	NS	07/13/94	07/22/94	GCPEA14072211130	No Analytes Detected	ND			
MW-1015	8010	NS	07/11/94	07/19/94	GCPEA14071910280	No Analytes Detected	ND			
MW-1015	8020	NS	07/11/94	07/19/94	GCPEA24071910280	No Analytes Detected	ND			
MW-1019	8010	NS	07/08/94	07/14/94	GCPEA14071409570	1,1-Dichloroethane	1.6	(0.113)		5.0 MCL
						1,2-Dichloroethane	0.48	(0.0625)		0.50 MCL
						Chloromethane	0.46 P	(0.0933)		
						Methylene Chloride	0.26 P	(0.0652)		5.0 MCL
						Tetrachloroethene	0.053	(0.0466)		5.0 MCL
						Trichloroethene	0.81	(0.123)		5.0 MCL
						cis-1,2-Dichloroethene	0.17	(0.109)		6.0 MCL
MW-1022	8010	NS	07/12/94	07/20/94	GCPEA14072013390	1,2-Dichloroethane	0.11	(0.0625)		0.50 MCL
						Chloroform	0.28	(0.0754)		100 PMCL
						Methylene Chloride	0.86 P	(0.0652)		5.0 MCL
						Tetrachloroethene	0.26	(0.0466)		5.0 MCL
						Trichloroethene	8.2	(0.123)		5.0 MCL
						cis-1,2-Dichloroethene	0.57	(0.109)		6.0 MCL
MW-1032	8010	NS	07/08/94	07/15/94	GCPEA14071510010	No Analytes Detected	ND			
MW-1032	8020	NS	07/08/94	07/15/94	GCPEA24071510010	No Analytes Detected	ND			
MW-1035	8010	NS	07/08/94	07/15/94	GCPEA14071510010	1,2-Dichloroethane	0.15	(0.0625)		0.50 MCL
AB-1035	8010	AB	07/08/94	07/14/94	GCPEA14071409570	No Analytes Detected	ND			

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MW-1044	8010	NS	08/02/94	08/11/94	GCPEA14081015460	Chloroform	1.6	(0.0754)		100 PMCL
						Tetrachloroethene	3.3	(0.0466)		5.0 MCL
						Trichloroethene	17	(0.123)		5.0 MCL
						cis-1,2-Dichloroethene	1.5	(0.109)		6.0 MCL
MW-1045	8010	NS	07/08/94	07/15/94	GCPEA14071510010	1,2-Dichloroethane	0.19 H	(0.0625)		0.50 MCL
						Chloroform	0.71 H	(0.0754)		100 PMCL
						Trichloroethene	22 H	(0.123)		5.0 MCL
						cis-1,2-Dichloroethene	8.5 H	(0.109)		6.0 MCL
MW-1045	8020	NS	07/08/94	07/15/94	GCPEA24071510010	Toluene	0.16 H	(0.0666)		
MW-1046	8010	NS	07/08/94	07/15/94	GCPEA14071510010	Trichloroethene	3.8 H	(0.123)		5.0 MCL
						cis-1,2-Dichloroethene	1.0 H	(0.109)		6.0 MCL
MW-1049	8010	NS	08/02/94	08/11/94	GCPEA14081015460	Trichloroethene	9.0 H	(0.123)		5.0 MCL
						cis-1,2-Dichloroethene	3.0 H	(0.109)		6.0 MCL
M3Q9419	8010	FD	08/02/94	08/10/94	GCPEA14081015460	Tetrachloroethene	0.062	(0.0466)		5.0 MCL
						Trichloroethene	7.4	(0.123)		5.0 MCL
						cis-1,2-Dichloroethene	2.5	(0.109)		6.0 MCL
MW-1049	8020	NS	08/02/94	08/10/94	GCKAY14081012330	No Analytes Detected	ND			
EB-1049	8020	EB	08/02/94	08/10/94	GCKAY14081012330	No Analytes Detected	ND			
MW-1050	8010	NS	08/02/94	08/11/94	GCPEA14081015460	Trichloroethene	4.4 H	(0.123)		5.0 MCL
						cis-1,2-Dichloroethene	1.1 H	(0.109)		6.0 MCL
MW-1050	8020	NS	08/02/94	08/10/94	GCKAY14081012330	No Analytes Detected	ND			
MW-1051	8010	NS	07/20/94	07/29/94	GCPEA14072820370	1,1-Dichloroethene	0.60	(0.152)		6.0 MCL
						Tetrachloroethene	0.41	(0.0466)		5.0 MCL
						Trichloroethene	8.3	(0.123)		5.0 MCL
						cis-1,2-Dichloroethene	1.1	(0.109)		6.0 MCL
MW-1051	8020	NS	07/20/94	07/29/94	GCKAY14072821530	No Analytes Detected	ND			
MW-1052	8010	NS	08/05/94	08/12/94	GCPEA14081118210	Methylene Chloride	0.19 P	(0.0652)		5.0 MCL
						Trichloroethene	3.7	(0.123)		5.0 MCL
MW-1053	8010	NS	08/02/94	08/10/94	GCPEA14081015460	Trichloroethene	1.3 H	(0.123)		5.0 MCL
EB-1053	8010	EB	08/02/94	08/10/94	GCPEA14081015460	No Analytes Detected	ND			
MW-1054	8010	NS	07/07/94	07/13/94	GCPEA14071215330	Trichloroethene	0.90 H	(0.123)		5.0 MCL

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MW-1054	6010	NS	07/07/94	08/03/94	EMJA614080310000	Barium	0.046	(0.0009)		1.0 MCL
						Calcium	17 B	(0.0175)		
						Chromium	0.012	(0.0052)		0.050 MCL
						Magnesium	13	(0.0479)		
						Potassium	2.1	(0.822)		
						Sodium	17	(0.0401)		
						Vanadium	0.027	(0.0045)		
						Zinc	0.020	(0.004)		
MW-1054	7060	NS	07/07/94	07/21/94	AAZ3__4072119140	Arsenic	0.0032	(0.0006)		0.050 MCL
MW-1054	7421	NS	07/07/94	08/08/94	AAZ2__4080817150	Lead	ND	(0.0022)		0.015 MCL
MW-1054	7470	NS	07/07/94	07/15/94	AAZ4__4071517490	Mercury	ND	(0.000033)		0.0020 MCL
MW-1054	7740	NS	07/07/94	08/05/94	AAZ3__4080507550	Selenium	0.0022 S	(0.0006)		0.010 MCL
MW-1055	8010	NS	07/08/94	07/15/94	GCPEA14071510010	Trichloroethene	0.67 H	(0.123)		5.0 MCL
MW-1055	8020	NS	07/08/94	07/15/94	GCPEA24071510010	No Analytes Detected	ND			
MW-1057	8010	NS	07/07/94	07/13/94	GCPEA14071215330	Trichloroethene	0.51 H	(0.123)		5.0 MCL
MW-1057	8020	NS	07/07/94	07/13/94	GCPEA24071215330	No Analytes Detected	ND			
MW-1058	8010	NS	07/06/94	07/13/94	GCPEA14071215330	No Analytes Detected	ND			
MW-1059	8010	NS	07/06/94	07/13/94	GCPEA14071215330	Methylene Chloride	0.17 HB	(0.0652)		5.0 MCL
MW-1060	8010	NS	07/06/94	07/13/94	GCPEA14071215330	Methylene Chloride	0.53 HB	(0.0652)		5.0 MCL
						Trichloroethene	0.18 H	(0.123)		5.0 MCL
MW-1061	8010	NS	07/06/94	07/12/94	GCPEA14071215330	Methylene Chloride	0.44 HB	(0.0652)		5.0 MCL
MW-1061	8020	NS	07/06/94	07/12/94	GCPEA24071215330	No Analytes Detected	ND			
MW-1062	8010	NS	07/06/94	07/13/94	GCPEA14071215330	No Analytes Detected	ND			
MW-1062	8020	NS	07/06/94	07/13/94	GCPEA24071215330	No Analytes Detected	ND			
MW-1065	8010	NS	08/03/94	08/11/94	GCPEA14081015460	Chloroform	0.65 H	(0.0754)		100 PMCL
						Tetrachloroethene	2.2 H	(0.0466)		5.0 MCL
						Trichloroethene	1.3 H	(0.123)		5.0 MCL
						cis-1,2-Dichloroethene	1.0 H	(0.109)		6.0 MCL
AB-1065	8010	AB	08/03/94	08/11/94	GCPEA14081015460	No Analytes Detected	ND			

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
MW-1065	8020	NS	08/03/94	08/10/94	GCKAY14081012330	No Analytes Detected	ND			
AB-1065	8020	AB	08/03/94	08/10/94	GCKAY14081012330	No Analytes Detected	ND			
MW-1068	8010	NS	08/03/94	08/11/94	GCPEA14081015460	Trichloroethene	0.38	(0.123)		5.0 MCL
MW-1075	8010	NS	08/03/94	08/11/94	GCPEA14081015460	No Analytes Detected	ND			
MW-1075	8020	NS	08/03/94	08/10/94	GCKAY14081012330	No Analytes Detected	ND			
MW-1075	6010	NS	08/03/94	08/23/94	EMJA614082312300	Barium	0.048	(0.0009)		1.0 MCL
						Beryllium	0.00060	(0.0005)		0.0040 MCL
						Calcium	20 B	(0.0175)		
						Chromium	0.011	(0.0052)		0.050 MCL
						Copper	0.013	(0.0092)		1.3 MCL
						Magnesium	15	(0.0479)		
						Manganese	0.020	(0.0016)		
						Nickel	0.15	(0.0141)		0.10 MCL
						Potassium	1.4	(0.822)		
						Sodium	15	(0.0401)		
						Vanadium	0.021	(0.0045)		
MW-1075	7060	NS	08/03/94	08/16/94	AAZ3__4081617300	Arsenic	0.0024	(0.0006)		0.050 MCL
MW-1075	7421	NS	08/03/94	08/17/94	AAZ1__4081708300	Lead	ND	(0.0021)		0.015 MCL
MW-1075	7470	NS	08/03/94	08/09/94	AAZ4__4080917350	Mercury	ND	(0.000033)		0.0020 MCL
MW-1075	7740	NS	08/03/94	08/18/94	AAZ4__4081717000	Selenium	ND	(0.0018)		0.010 MCL
TB-1	8010	TB	07/08/94	07/14/94	GCPEA14071409570	No Analytes Detected	ND			
TB-1	8020	TB	07/08/94	07/14/94	GCPEA24071409570	No Analytes Detected	ND			
TB-2	8240	TB	07/11/94	07/13/94	MSMSDA4071219440	Methylene Chloride	2.1 B	(0.316)		5.0 MCL
TB-3	8010	TB	07/15/94	07/26/94	GCPEA14072612170	1,2-Dichloroethane	0.13	(0.0625)		0.50 MCL
						Methylene Chloride	0.55 P	(0.0652)		5.0 MCL
TB-3	8020	TB	07/15/94	07/26/94	GCPEA24072612170	No Analytes Detected	ND			
TB-4	8010	TB	07/20/94	08/01/94	GCPEA14080116210	1,2-Dichloroethane	0.20	(0.0625)		0.50 MCL
						Methylene Chloride	0.068 P	(0.0652)		5.0 MCL
TB-4	8020	TB	07/20/94	07/29/94	GCKAY14072821530	No Analytes Detected	ND			

TABLE 3 (Continued)

Well	Method	Field Analysis	Date Sampled	Date Analyzed	Batch ID	Analyte	Result	Reporting Limit	Qualified Results	Action Level
TB-5	8010	TB	07/28/94	08/09/94	GCPEA14080810580	1,2-Dichloroethane	0.33	(0.0625)		0.50 MCL
						Chloromethane	0.17	(0.0933)		
						Methylene Chloride	0.17	(0.0652)		5.0 MCL
						Trichlorofluoromethane	0.31	(0.15)		150 AL
TB-5	8020	TB	07/28/94	08/08/94	GCKAY14080810140	No Analytes Detected	ND			

TABLE 3 (Continued)

FOOTNOTES AND ABBREVIATIONS

DATAFLAGS:
- B = Analyte is found in the associated blank but the sample results are not corrected for the amount in the blank.
- C = Confirmed on second column or by GC/MS.
- H = Previously confirmed on second column or by GC/MS.
- ND = Not detected at specified detection limit.
- P = Results from primary and secondary GC columns differ by greater than a factor of three due to coelution or interference.
- S = Analyte concentration obtained using Method of Standard Addition (MSA).
- X = For MW-143: No second column was necessary because methylene chloride was detected at less than three times the reported detection limit.
- X = For MW-282: The second correlation coefficent was 0.985; the first was 0.939.

QUALIFIED RESULTS:
- J = The associated numerical value is an estimated quantity. A J- indicates a low bias, a J+ indicates a high bias.

UNITS:
- ug/L = Micrograms per liter.
- mg/L = Milligrams per liter.
- METHOD 8010, 8020,8240 = ug/L
- METHODS 6010, 7060, 7470, 7740, 7421, 7740 = mg/L

WELL INDENTIFICATION:
- EC = Extraction well composite. (EC-1 is a composite of EW-73, EW-83, EW-84, EW-85, EW-86, and EW-87)
- EW = Extraction well.
- MW = Monitoring well.
- EB = Equipment blank.
- AB = Ambient blank.
- TB = Trip blank.
- M3Q94XX = Field duplicate sample.

NOTES:
- AL = Cal/EPA Dept. of Toxic Substances Control Action Level.
- MCL = Cal/EPA Dept. of Toxic Substances Control Maximum Contaminant Level.
- PMCL = U.S. Environmental Protection Agency Primary Maximum Contaminant Level.

TABLE 4 WELLS CONTAINING ANALYTES AT CONCENTRATIONS EQUAL TO OR EXCEEDING STATE AND FEDERAL DRINKING WATER STANDARDS, GROUNDWATER SAMPLING AND ANALYSIS PROGRAM, JULY THROUGH SEPTEMBER 1994, McCLELLAN AIR FORCE BASE

Well Number	Date Sampled	Sector	Method	Analyte Detected	Field Duplicate Analysis	Lab	Concentration	Maximum Contaminant Level Or Action Level	Qualified Results
EC-1	15-Jul-94	D	8010	1,1-Dichloroethane		RAS	47	5.0 MCL	
				1,1-Dichloroethene		RAS	149	6.0 MCL	
				1,2-Dichloroethane		RAS	11	0.50 MCL	
				Trichloroethene		RAS	285	5.0 MCL	
				cis-1,2-Dichloroethene		RAS	28	6.0 MCL	
				1,1-Dichloroethane	FD	RAS	48	5.0 MCL	
				1,1-Dichloroethene	FD	RAS	169	6.0 MCL	
				1,2-Dichloroethane	FD	RAS	12	0.50 MCL	
				Trichloroethene	FD	RAS	302	5.0 MCL	
				cis-1,2-Dichloroethene	FD	RAS	29	6.0 MCL	
			6010	Lead		RAS	0.039	0.015 MCL	
EW-63	27-Jul-94	B	8010	Trichloroethene		RAS	36 H	5.0 MCL	
				cis-1,2-Dichloroethene		RAS	20 H	6.0 MCL	
			6010	Lead		RAS	0.028	0.015 MCL	
EW-73	28-Jul-94	D	8010	1,1-Dichloroethane		RAS	102	5.0 MCL	
				1,1-Dichloroethene		RAS	1820	6.0 MCL	
				1,2-Dichloroethane		RAS	7.5	0.50 MCL	
				Trichloroethene		RAS	346	5.0 MCL	
				Vinyl Chloride		RAS	165	0.50 MCL	
				cis-1,2-Dichloroethene		RAS	69	6.0 MCL	
			8020	Benzene		RAS	2.4	1.0 MCL	
EW-83	28-Jul-94	D	8010	1,1-Dichloroethene		RAS	604	6.0 MCL	
				Methylene Chloride		RAS	8.6 PB	5.0 MCL	
				Trichloroethene		RAS	127	5.0 MCL	
EW-84	01-Aug-94	D	8010	1,1-Dichloroethane		RAS	93	5.0 MCL	
				1,1-Dichloroethene		RAS	683	6.0 MCL	
				1,2-Dichloroethane		RAS	51	0.50 MCL	
				Methylene Chloride		RAS	20 B	5.0 MCL	
				Trichloroethene		RAS	649	5.0 MCL	
				Vinyl Chloride		RAS	45	0.50 MCL	
				cis-1,2-Dichloroethene		RAS	58	6.0 MCL	
			8020	Benzene		RAS	2.1	1.0 MCL	
EW-85	20-Jul-94	D	8010	1,1-Dichloroethene		RAS	331	6.0 MCL	
				1,2-Dichloroethane		RAS	4.8	0.50 MCL	
				Trichloroethene		RAS	304	5.0 MCL	

TABLE 4 (Continued)

Well Number	Date Sampled	Sector	Method	Analyte Detected	Field Duplicate Analysis	Lab	Concentration	Maximum Contaminant Level Or Action Level	Qualified Results
EW-86	20-Jul-94	D	8010	Trichloroethene		RAS	7.7 H	5.0 MCL	
EW-137	15-Jul-94	C	8010	1,1-Dichloroethane		RAS	6.3 H	5.0 MCL	
				Trichloroethene		RAS	57 H	5.0 MCL	
				cis-1,2-Dichloroethene		RAS	9.4 H	6.0 MCL	
EW-140	15-Jul-94	C	8010	Trichloroethene		RAS	78	5.0 MCL	
				cis-1,2-Dichloroethene		RAS	20	6.0 MCL	
			6010	Lead		RAS	0.026	0.015 MCL	
EW-141	15-Jul-94	C	8010	Trichloroethene		RAS	67	5.0 MCL	
				cis-1,2-Dichloroethene		RAS	9.8	6.0 MCL	
				Trichloroethene	FD	RAS	55	5.0 MCL	
				cis-1,2-Dichloroethene	FD	RAS	9.9	6.0 MCL	
			6010	Lead		RAS	0.031	0.015 MCL	
EW-144	27-Jul-94	C	8010	Trichloroethene		RAS	274	5.0 MCL	
EW-233	13-Jul-94	B	8010	Tetrachloroethene		RAS	656 H	5.0 MCL	
				Trichloroethene		RAS	3480 H	5.0 MCL	
MW-11	19-Jul-94	D	8010	1,1,1-Trichloroethane		RAS	329	200 MCL	
				1,1-Dichloroethene		RAS	3510	6.0 MCL	
				Trichloroethene		RAS	636	5.0 MCL	
			8020	Benzene		RAS	1.2	1.0 MCL	
MW-12	18-Jul-94	D	8010	1,1-Dichloroethene		RAS	4520	6.0 MCL	
				Tetrachloroethene		RAS	29	5.0 MCL	
				Trichloroethene		RAS	853	5.0 MCL	
MW-15	18-Jul-94	D	8010	1,1-Dichloroethene		RAS	78	6.0 MCL	
				Trichloroethene		RAS	57	5.0 MCL	
MW-91	11-Jul-94	D	8010	1,1-Dichloroethene		RAS	43	6.0 MCL	
MW-126	20-Jul-94	C	6010	Nickel		RAS	0.39	0.10 MCL	
				Nickel	FD	RAS	0.31	0.10 MCL	
MW-127	20-Jul-94	C	6010	Nickel		RAS	0.96	0.10 MCL	
MW-139	11-Jul-94	C	8010	1,1-Dichloroethane		RAS	8.6	5.0 MCL	

TABLE 4 (Continued)

Well Number	Date Sampled	Sector	Method	Analyte Detected	Field Duplicate Analysis	Lab	Concentration	Maximum Contaminant Level Or Action Level	Qualified Results
MW-139	11-Jul-94	C	8010	1,2-Dichloroethane		RAS	0.52	0.50 MCL	
				Trichloroethene		RAS	80	5.0 MCL	
				cis-1,2-Dichloroethene		RAS	16	6.0 MCL	
			6010	Nickel		RAS	0.17	0.10 MCL	
MW-148	13-Jul-94	B	8010	Trichloroethene		RAS	10 H	5.0 MCL	
MW-153	12-Jul-94	B	8010	Trichloroethene		RAS	21	5.0 MCL	
				Trichloroethene	FD	RAS	21	5.0 MCL	
			8240	Trichloroethene		RAS	22	5.0 MCL	
MW-154	14-Jul-94	B	8010	Trichloroethene		RAS	5.3	5.0 MCL	
MW-157	14-Jul-94	B	8010	1,1-Dichloroethene		RAS	75 P	6.0 MCL	
				Tetrachloroethene		RAS	65	5.0 MCL	
				Trichloroethene		RAS	392	5.0 MCL	
	19-Jul-94	B	8240	1,1-Dichloroethene		RAS	11	6.0 MCL	
				Tetrachloroethene		RAS	90	5.0 MCL	
				Trichloroethene		RAS	492	5.0 MCL	
MW-158	14-Jul-94	B	8010	1,1-Dichloroethene		RAS	44 P	6.0 MCL	
				Tetrachloroethene		RAS	107	5.0 MCL	
				Trichloroethene		RAS	852	5.0 MCL	
MW-159	14-Jul-94	B	8010	Tetrachloroethene		RAS	15	5.0 MCL	
				Trichloroethene		RAS	259	5.0 MCL	
				cis-1,2-Dichloroethene		RAS	28	6.0 MCL	
MW-162	05-Aug-94	C	8010	Trichloroethene		RAS	8.5	5.0 MCL	
MW-210	11-Jul-94	A	8010	Carbon Tetrachloride		RAS	4.8 H	0.50 MCL	
MW-222	01-Aug-94	A	8010	Carbon Tetrachloride		RAS	3.1	0.50 MCL	
				Trichloroethene		RAS	24	5.0 MCL	
				Carbon Tetrachloride	FD	RAS	3.7	0.50 MCL	
				Trichloroethene	FD	RAS	26	5.0 MCL	
MW-228	27-Jul-94	A	8010	1,2-Dichloroethane	FD	RAS	31	0.50 MCL	
				1,2-Dichloroethane	FD	RAS	29 H	0.50 MCL	

TABLE 4 (Continued)

Well Number	Date Sampled	Sector	Method	Analyte Detected	Field Duplicate Analysis	Lab	Concentration	Maximum Contaminant Level Or Action Level	Qualified Results
MW-236	14-Jul-94	B	8010	Tetrachloroethene		RAS	135	5.0 MCL	
				Trichloroethene		RAS	1100	5.0 MCL	
MW-240	18-Jul-94	B	6010	Lead		RAS	0.037	0.015 MCL	
				Nickel		RAS	0.27	0.10 MCL	
MW-241	18-Jul-94	B	8010	1,1-Dichloroethene		RAS	12	6.0 MCL	
				1,2-Dichloroethane		RAS	10	0.50 MCL	
				Trichloroethene		RAS	30	5.0 MCL	
			6010	Lead		RAS	0.028	0.015 MCL	
				Nickel		RAS	0.58	0.10 MCL	
MW-242	18-Jul-94	B	8010	1,1-Dichloroethene		RAS	35	6.0 MCL	
				1,2-Dichloroethane		RAS	1.6	0.50 MCL	
				Trichloroethene		RAS	35	5.0 MCL	
			6010	Nickel		RAS	0.16	0.10 MCL	
MW-243	05-Jul-94	A	6010	Cadmium		RAS	0.010	0.0050 MCL	
				Nickel		RAS	0.24	0.10 MCL	
MW-244	05-Jul-94	A	8010	Methylene Chloride		RAS	14 HB	5.0 MCL	
				Trichloroethene		RAS	761 H	5.0 MCL	
				cis-1,2-Dichloroethene		RAS	14 H	6.0 MCL	
MW-270	15-Jul-94	B	8010	Methylene Chloride		RAS	19 P	5.0 MCL	
				Tetrachloroethene		RAS	280	5.0 MCL	
				Trichloroethene		RAS	3670	5.0 MCL	
				cis-1,2-Dichloroethene		RAS	146	6.0 MCL	
			8020	Benzene		RAS	2.6 H	1.0 MCL	
			8240	Tetrachloroethene		RAS	376	5.0 MCL	
				Trichloroethene		RAS	3460	5.0 MCL	
			6010	Lead		RAS	0.032	0.015 MCL	
				Nickel		RAS	0.37	0.10 MCL	
	19-Jul-94	B	8240	Benzene		RAS	376	5.0 MCL	
				Tetrachloroethene		RAS	390	5.0 MCL	
				Trichloroethene		RAS	3460	5.0 MCL	
MW-271	15-Jul-94	B	8010	1,2-Dichloroethane		RAS	1.6 H	0.50 MCL	

TABLE 4 (Continued)

Well Number	Date Sampled	Sector	Method	Analyte Detected	Field Duplicate Analysis	Lab	Concentration	Maximum Contaminant Level Or Action Level	Qualified Results
MW-271	15-Jul-94	B	8010	Trichloroethene		RAS	22 H	5.0 MCL	
			6010	Nickel		RAS	0.27	0.10 MCL	
MW-272	15-Jul-94	B	8010	Trichloroethene		RAS	101 H	5.0 MCL	
			6010	Lead		RAS	0.032	0.015 MCL	
MW-282	19-Jul-94	B	8010	1,1-Dichloroethene		RAS	12 P	6.0 MCL	
				Carbon Tetrachloride		RAS	0.92	0.50 MCL	
				Trichloroethene		RAS	22	5.0 MCL	
			8240	Trichloroethene		RAS	21	5.0 MCL	
				Trichloroethene	FD	RAS	26	5.0 MCL	
MW-286	15-Jul-94	B	8010	1,1-Dichloroethane		RAS	19	5.0 MCL	
				1,2-Dichloroethane		RAS	0.99	0.50 MCL	
				Trichloroethene		RAS	14	5.0 MCL	
				cis-1,2-Dichloroethene		RAS	18	6.0 MCL	
				1,1-Dichloroethane	FD	RAS	19	5.0 MCL	
				1,2-Dichloroethane	FD	RAS	1.1	0.50 MCL	
				Trichloroethene	FD	RAS	15	5.0 MCL	
				cis-1,2-Dichloroethene	FD	RAS	22	6.0 MCL	
			6010	Lead		RAS	0.044	0.015 MCL	
				Nickel		RAS	0.21	0.10 MCL	
MW-287	11-Jul-94	B	8010	1,1-Dichloroethene		RAS	56 H	6.0 MCL	
				Methylene Chloride		RAS	20 H	5.0 MCL	
				Tetrachloroethene		RAS	24 H	5.0 MCL	
				Trichloroethene		RAS	488 H	5.0 MCL	
			8240	Tetrachloroethene		RAS	22	5.0 MCL	
				Trichloroethene		RAS	523	5.0 MCL	
MW-288	11-Jul-94	B	8010	1,1-Dichloroethene		RAS	11 H	6.0 MCL	
				Tetrachloroethene		RAS	14 H	5.0 MCL	
				Trichloroethene		RAS	210 H	5.0 MCL	
				cis-1,2-Dichloroethene		RAS	15 H	6.0 MCL	
				Tetrachloroethene	FD	RAS	17	5.0 MCL	
				Trichloroethene	FD	RAS	254	5.0 MCL	
				cis-1,2-Dichloroethene	FD	RAS	18	6.0 MCL	
			8240	Tetrachloroethene		RAS	19	5.0 MCL	

TABLE 4 (Continued)

Well Number	Date Sampled	Sector	Method	Analyte Detected	Field Duplicate Analysis	Lab	Concentration	Maximum Contaminant Level Or Action Level	Qualified Results
MW-288	11-Jul-94	B	8240	Trichloroethene		RAS	239	5.0 MCL	
MW-289	11-Jul-94	A	8010	Trichloroethene		RAS	156 H	5.0 MCL	
			8240	Trichloroethene		RAS	199	5.0 MCL	
MW-291	08-Jul-94	A	8010	1,1-Dichloroethene		RAS	11	6.0 MCL	
				Trichloroethene		RAS	203	5.0 MCL	
MW-1022	12-Jul-94	B	8010	Trichloroethene		RAS	8.2	5.0 MCL	
MW-1044	02-Aug-94	B	8010	Trichloroethene		RAS	17	5.0 MCL	
MW-1045	08-Jul-94	B	8010	Trichloroethene		RAS	22 H	5.0 MCL	
				cis-1,2-Dichloroethene		RAS	8.5 H	6.0 MCL	
MW-1049	02-Aug-94	B	8010	Trichloroethene		RAS	9.0 H	5.0 MCL	
				Trichloroethene	FD	RAS	7.4	5.0 MCL	
MW-1051	20-Jul-94	B	8010	Trichloroethene		RAS	8.3	5.0 MCL	
MW-1075	03-Aug-94	A	6010	Nickel		RAS	0.15	0.10 MCL	

TABLE 4 (Continued)

FOOTNOTES AND ABBREVIATIONS

DATAFLAGS:
- H = Previously confirmed on second column or by GC/MS.
- B = Analyte is found in the associated blank, but the sample results are not corrected for the amount in the blank.
- P = Analyte not confirmed. Ratio of results from primary and secondary GC columns differ by greater than a factor of three due to coelution or interference.

FIELD DUPLICATE ANALYSIS:
- FD = Field duplicate.

LAB:
- RAS = Radian Analytical Services, Austin.

MAXIMUM CONTAMINANT LEVEL/ACTION LEVEL:
- MCL = Cal/EPA Dept. of Toxic Substances Control Maximum Contaminant Level.

WELL IDENTIFICATION:
- EC = Extraction Well Composite (EC-1 is a composite of EW-73, EW-83, EW-84, EW-85, EW-86, and EW-87)
- EW = Extraction Well.
- MW = Monitoring Well.

UNITS:
- METHODS 8010, 8020 = ug/L.
- METHODS 6010, 7060, 7421, 7470, 7740 = mg/L.
- MCL FOR METHODS 8010, 8020 = ug/L.
- MCL FOR METHODS 6010, 7060, 7421, 7470, 7740 = mg/L.
- mg/L = milligrams per liter.
- ug/L = micrograms per liter.

Table 5. Ambient Blanks with Associated Well Samples, Groundwater Sampling and Analysis Program, July through September 1994, McClellan AFB

Ambient Blank	Date Sampled	Associated Wells	Sector
AB-1035[b]	7-8-94	MW-1032 MW-1035	C
AB-270[a]	7-15-94	MW-270 MW-271 MW-272	B
AB-242[a]	7-18-94	MW-12 MW-15 MW-15 (FD) MW-237 MW-240 MW-241 MW-242	D
AB-270[c]	7-19-94	MW-150 MW-153 MW-157 MW-270 MW-282 MW-282 (FD) MW-285	B
AB-197[b]	7-28-94	MW-169 MW-197	A
AB-1065[a]	8-3-94	MW-213 MW-1065 MW-1068 MW-1075	A

[a] Methods SW8010 and SW8020.
[b] Method SW8010.
[c] Method SW8240.

FD = Field duplicate.

Table 6. Trip Blanks with Associated Well Samples, Groundwater Sampling and Analysis Program, July through September 1994, McClellan AFB

Trip Blank ID	Date Sampled	Shipping Cooler ID	Associated Wells
TB-1[a]	7-8-94	A	MW-291 MW-1019 MW-1032 MW-1035 MW-1035 MW-1045 MW-1046 MW-1055
TB-2[b]	7-11-94	A	MW-287 MW-288 MW-289
TB-3[a]	7-15-94	B	EW-140 EW-141 EW-141 (FD) MW-270 MW-271 MW-272
TB-4[a]	7-20-94	A	EW-85 EW-86 MW-126 MW-127 MW-218 EB-218 MW-218 (FD)
TB-5[a]	7-28-94	A	EW-73 EW-83 MW-169 MW-197 AB-197 MW-220

[a] Methods SW8010 and SW8020.
[b] Method SW8240.

FD = Field duplicate.

Table 7. Summary of Quality Control Results for Blanks, Groundwater Sampling and Analysis Program, July through September 1994, McClellan Air Force Base

U.S. EPA SW-846 Method	Number Performed	Total Possible Number of Occurrences	Compound (Number of Occurrences)	Range of Results
Reagent Blanks				
8240 (45 Analytes)	4	180	Acetone (4) Methylketone (1) Methylene Chloride (1)	4.22 - 7.88 µg/L 2.57 µg/L 1.65 µg/L
8010 (34 Analytes)	26	884	Chloromethene (1) Methylene Chloride (7) 1,1,1-Trichloroethane (1) Trichlorofluoromethane (8)	0.7680 µg/L 0.0662 - 0.1720 µg/L 0.1430 µg/L 0.0847 - 0.7680 µg/L
8020 (8 Analytes)	21	168	Ethylbenzene (1) Total Xylenes (1)	0.0596 µg/L 0.0778 µg/L
6010 (23 Analytes)	13	299	Arsenic (1) Barium (1) Beryllium (2) Calcium (12) Cadmium (1) Cobalt (4) Iron (7) Manganese (4) Molybdenum (1) Sodium (5) Zinc (8)	0.0598 mg/L 0.0024 mg/L 0.001 mg/L 0.0220 - 0.1300 mg/L 0.0049 mg/L 0.00441 - 0.00828 mg/L 0.00441 - 0.0136 mg/L 0.0016 - 0.0039 mg/L 0.0081 mg/L 0.0570 - 0.1720 mg/L 0.0016 - 0.0133 mg/L
7060 (1 Analyte)	11	11	No analytes detected	NA
7421 (1 Analyte)	10	10	Lead (1)	0.0023 mg/L
7470 (1 Analyte)	6	6	Mercury (1)	0.0001 mg/L
7740 (1 Analyte)	13	13	No analytes detected	NA
Trip Blanks				
8240 (45 Analytes)	1	45	Acetone Methylene Chloride	5.17 µg/L 2.12 µg/L
8010 (34 Analytes)	4	136	Chloromethane (2) 1,2-Dichloromethane (4) Methylene Chloride (3) Trichlorofluoromethane (1)	0.1210 - 0.1680 µg/L 0.1330 - 0.1680 µg/L 0.1720 - 1.10 µg/L 0.3080 µg/L
Ambient Blanks				
8240 (45 Analytes)	1	45	Acetone (1)	8.79 µg/L

Table 7. (Continued)

U.S. EPA SW-846 Method	Number Performed	Total Possible Number of Occurrences	Compound (Number of Occurrences)	Range of Results
8010 (34 Analytes)	5	170	1,2-Dichloroethane (1) Methylene Chloride (3) Trichlorofluoromethane (2)	0.1360 µg/L 0.1930 - 0.3810 µg/L 0.3510 - 0.630 µg/L
8020 (8 Analytes)	3	24	No analytes detected	NA
Equipment Blanks				
8010 (34 Analytes)	5	170	Methylene Chloride (4) 1,1,1-Trichloroethane (1) Trichlorofluoromethane (2)	0.0920 - 0.3580 µg/L 0.2260 µg/L 0.5890 - 0.6430 µg/L
8020 (8 Analytes)	4	32	Benzene (1) 1,3-Dichlorobenzene (1) Toluene (1)	0.0793 µg/L 1.31 µg/L 0.620 µg/L
6010 (23 Analytes)	3	69	Calcium (3) Copper (1) Cobalt (1) Iron (2) Lead (1) Potassium (1) Sodium (3) Vanadium (1) Zinc (3)	0.0456 - 0.1940 mg/L 0.0335 mg/L 0.0083 mg/L 0.0062 - 0.0068 mg/L 0.0305 mg/L 1.72 mg/L 0.302 - 2.16 mg/L 0.0052 mg/L 0.0091 - 0 mg/L
7060 (1 Analyte)	3	3	No analytes detected	NA
7421 (1 Analyte)	3	3	No analytes detected	NA
7470 (1 Analyte)	3	3	No analytes detected	NA
7740 (1 Analyte)	3	2	Selenium (2)	0.0012 – 0.0023 mg/L

Table 8. Summary of Quality Control Results for Duplicates, Groundwater Sampling and Analysis Program, July through September 1994, McClellan Air Force Base

U.S. EPA SW-846 Method	Number Performed	Number of Detected Pairs (= Number of Possible Results)	Analyte	Range of Results RPD (%)	Acceptance Criteria[a] RPD (%)	Results Not Meeting Criteria[b]
Matrix Spike Duplicates						
8010	29	261	9 Analytes	0–26	30	0
8020	30	120	4 Analytes	0–14	30	0
8240	3	15	5 Analytes	0.86–7.0	30	0
6010	16	368	23 Metals	0–24	20	3
7060	21	21	Arsenic	0–16	20	0
7421	14	14	Lead	0–9.2	20	0
7470	16	16	Mercury	1.0–333	20	3
7740	24	24	Selenium	0–9.9	20	0
Field Duplicate Samples						
8010	7	45	Varies	0.9–145	30	5
8020	8	6	Varies	0.2–5	30	0
8240	1	3	Varies	2.8–23	30	0
6010	5	45	23 Metals	0–70	50	2
7060	5	4	Arsenic	6.2–40	50	0
7421	5	0	Lead	NA	50	NA
7470	5	0	Mercury	NA	50	NA
7740	5	1	Selenium	55	50	NA

[a] The acceptance criteria represent the upper acceptable bound of the relative percent difference (% RPD) for duplicates.

[b] Refers to individual analytical results, not overall sample results.

NA = Not applicable.

Table 9. Summary of Quality Control Results for Spikes, Groundwater Sampling and Analysis Program, July through September 1994, McClellan Air Force Base

U.S. EPA SW-846 Method	Number Performed	Total Possible Number of Results	Analyte	Range of Results Recovery (%)	Acceptance Criteria[a] Recovery (%)	Results Not Meeting Criteria[b]
Matrix Spike						
8010	58	522	9 Analytes	65–138	Varies	0
8020	60	240	4 Analytes	77–112	Varies	0
8240	6	30	5 Analytes	98–123	Varies	0
6010	32	736	23 Metals	74–138	80–120	0
7060	42	42	Arsenic	89–118	80–120	0
7421	28	28	Lead	20–102	80–120	7
7470	32	32	Mercury	0–1050	80–120	12
7740	48	48	Selenium	32–115	80–120	29

[a] The acceptance criteria represents the acceptable spikes recovery ranges.
[b] Refers to individual analytical results, not overall sample results.

Table 10. Summary of Qualified Data, Groundwater Sampling and Analysis Program, July through September 1994, McClellan AFB

Sample Number	U.S. EPA Method	Analytes	Type of Qualification	Reason
AB-270	SW8010	Trichloroethane	U	Detected in reagent blank
	SW8020	Acetone	U	Detected in reagent blank
AB-1065	SW8010	Methylene chloride	U	Detected in reagent blank
EB-12	SW8010	Methylene chloride	U	Detected in reagent blank
		Trichlorofluoroethane	U	Detected in reagent blank
EB-218	SW8010	Methylene chloride	U	Detected in reagent blank
		Trichlorofluoroethane	U	Detected in reagent blank
EB-284	SW6010	Calcium	U	Detected in reagent blank
		Iron	U	Detected in reagent blank
		Zinc	U	Detected in reagent blank
EB-285	SW8010	Trichlorofluoroethane	U	Detected in reagent blank
	SW6010	Calcium	U	Detected in reagent blank
		Zinc	U	Detected in reagent blank
EB-1053	SW8010	Methylene chloride	U	Detected in reagent blank
TB-2	SW8240	Acetone	U	Detected in reagent blank
TB-3	SW8010	Chloromethane	U	Detected in reagent blank
		Trichlorofluoroethane	U	Detected in reagent blank
EC-1	SW8010	Chloroethylvinylether	J	Poor RPD between field duplicates
	SW6010	Copper	J	Detected in reagent blank
		Iron	U	Detected in reagent blank
		Zinc	U	Detected in reagent blank
EC-1 (FD)	SW8010	Chloroethylvinylether	J	Poor RPD between field duplicates
	SW6010	Zinc	U	Detected in reagent blank
EW-63	SW8020	Total Xylenes	U	Detected in reagent blank
	SW6010	Beryllium	U	Detected in reagent blank
EW-73	SW6010	Beryllium	U	Detected in reagent blank
		Zinc	U	Detected in reagent blank
EW-83	SW6010	Beryllium	U	Detected in reagent blank
		Iron	U	Detected in reagent blank

Table 10. (Continued)

Sample Number	U.S. EPA Method	Analytes	Type of Qualification	Reason
EW-84	SW6010	Zinc	U	Detected in reagent blank
EW-85	SW6010	Iron	U	Detected in reagent blank
		Zinc	U	Detected in reagent blank
EW-86	SW6010	Zinc	U	Detected in reagent blank
EW-137	SW6010	Zinc	U	Detected in reagent blank
EW-140	SW6010	Iron	U	Detected in reagent blank
EW-141	SW8020	Total xylenes	U	Detected in reagent blank
EW-141 (FD)	SW8020	Methylene chloride	U	Detected in reagent blank
EW-144	SW8020	Total xylenes	U	Detected in reagent blank
EW-233	SW6010	Cobalt	U	Detected in reagent blank
MW-12	SW6010	Iron	U	Detected in reagent blank
		Zinc	U	Detected in reagent blank
MW-15	SW6010	Zinc	U	Detected in reagent blank
MW-52	SW8010	Methylene chloride	U	Detected in reagent blank
MW-59	SW8010	Methylene chloride	U	Detected in reagent blank
	SW6010	Cobalt	U	Detected in reagent blank
MW-62	SW8010	Methylene chloride	U	Detected in reagent blank
MW-64	SW6010	Zinc	U	Detected in reagent blank
MW-66	SW6010	Beryllium	U	Detected in reagent blank
		Zinc	U	Detected in reagent blank
MW-88	SW8010	Methylene chloride	U	Detected in reagent blank
	SW6010	Cobalt	U	Detected in reagent blank
MW-126	SW6010	Zinc	U	Detected in reagent blank
MW-126 (FD)	SW6010	Zinc	U	Detected in reagent blank
MW-139	SW6010	Zinc	U	Detected in reagent blank
MW-150	SW8240	Acetone	U	Detected in reagent blank

Table 10. (Continued)

Sample Number	U.S. EPA Method	Analytes	Type of Qualification	Reason
MW-153	SW8240	Acetone	U	Detected in reagent blank
MW-153 (FD)	SW6010	Zinc	U	Detected in reagent blank
MW-157	SW8240	Acetone	U	Detected in reagent blank
MW-158	SW6010	Cobalt	U	Detected in reagent blank
MW-213	SW8010	Methylene chloride	U	Detected in reagent blank
MW-222	SW8010	Methylene chloride Trichlorofluoromethane	U U	Detected in reagent blank Detected in reagent blank
MW-222 (FD)	SW8010	trans-1,2-Dichloroethane Methylene chloride Trichlorofluoromethane	J U U	Poor RPD between field duplicates Detected in reagent blank Detected in reagent blank
MW-227	SW8010	Methylene chloride Trichlorofluoromethane	U U	Detected in reagent blank Detected in reagent blank
MW-228	SW8020	1,3-Dichlorobenzene	J	Poor RPD between field duplicates
MW-228 (FD)	SW8010 SW8020	Methylene chloride Trichlorofluoromethane Benzene	U U J	Detected in reagent blank Detected in reagent blank Poor RPD between field duplicates
MW-236	SW6010	Cobalt	U	Detected in reagent blank
MW-237	SW6010	Iron Zinc	U U	Detected in reagent blank Detected in reagent blank
MW-240	SW6010	Iron Zinc	U U	Detected in reagent blank Detected in reagent blank
MW-241	SW8010	Methylene chloride Trichlorofluoromethane	U U	Detected in reagent blank Detected in reagent blank
MW-242	SW8010 SW6010	Methylene chloride Iron	U U	Detected in reagent blank Detected in reagent blank
MW-243	SW6010	Cobalt	U	Detected in reagent blank
MW-244	SW6010	Cobalt	U	Detected in reagent blank
MW-270	SW8240	Acetone	U	Detected in reagent blank

Table 10. (Continued)

Sample Number	U.S. EPA Method	Analytes	Type of Qualification	Reason
MW-271	SW8010	Methylene chloride	U	Detected in reagent blank
	SW6010	Iron	U	Detected in reagent blank
MW-272	SW6010	Iron	U	Detected in reagent blank
MW-281	SW6010	Cobalt	U	Detected in reagent blank
MW-282	SW8240	Acetone	U	Detected in reagent blank
	SW7740	Selenium	J	Low coefficient of linear regression
MW-282 (FD)	SW8240	Acetone	U	Detected in reagent blank
MW-283	SW6010	Cobalt	U	Detected in reagent blank
		Sodium	J-	Low matrix spike recovery
MW-284	SW6010	Iron	U	Detected in reagent blank
		Zinc	U	Detected in reagent blank
MW-286	SW8010	Methylene chloride	U	Detected in reagent blank
	SW6010	Zinc	U	Detected in reagent blank
MW-287	SW8240	Trichloroethene	J	Low surrogate recovery
	SW6010	Iron	J	Poor field duplicate RPD
		Nickel	J	Poor field duplicate RPD
	SW7060	Arsenic	J	Poor field duplicate RPD
MW-287 (FD)	SW6010	Iron	U	Detected in reagent blank
		Nickel	J	Poor field duplicate RPD
	SW7060	Arsenic	J	Poor field duplicate RPD
MW-288	SW8240	Acetone	U	Detected in reagent blank
MW-289	SW8240	Acetone	U	Detected in reagent blank
MW-290	SW8010	Methylene chloride	U	Detected in reagent blank
		Trichlorofluoromethane	U	Detected in reagent blank
	SW7740	Selenium	UJ	Low matrix spike recovery
	SW7421	Lead	J	Low matrix spike recovery
	SW6010	Iron	U	Detected in reagent blank
		Zinc	U	Detected in reagent blank

Table 10. (Continued)

Sample Number	U.S. EPA Method	Analytes	Type of Qualification	Reason
MW-291	SW8010	Methylene chloride	U	Detected in reagent blank
	SW6010	Iron	U	Detected in reagent blank
MW-292	SW8020	Total xylenes	U	Detected in reagent blank
	SW6010	Beryllium	U	Detected in reagent blank
		Manganese	U	Detected in reagent blank
MW-1032	SW8010	Methylene chloride	U	Detected in reagent blank
MW-1035	SW8010	Methylene chloride	U	Detected in reagent blank
MW-1044	SW8010	Methylene chloride	U	Detected in reagent blank
MW-1045	SW8010	Methylene chloride	U	Detected in reagent blank
MW-1046	SW8010	Methylene chloroide	U	Detected in reagent blank
MW-1049	SW8010	Methylene chloride	U	Detected in reagent blank
MW-1049 (FD)	SW8010	Methylene chloride	U	Detected in reagent blank
MW-1050	SW8010	Methylene chloride	U	Detected in reagent blank
MW-1051	SW8010	Methylene chloride	U	Detected in reagent blank
MW-1053	SW8010	Methylene chloride	U	Detected in reagent blank
MW-1054	SW6010	Cobalt	U	Detected in reagent blank
MW-1058	SW8010	Methylene chloride	U	Detected in reagent blank
MW-1059	SW8010	Methylene chloride	U	Detected in reagent blank
MW-1060	SW8010	Methylene chloride	U	Detected in reagent blank
MW-1061	SW8010	Methylene chloride	U	Detected in reagent blank
MW-1062	SW8010	Methylene chloride	U	Detected in reagent blank
MW-1065	SW8010	Methylene chloride	U	Detected in reagent blank
MW-1068	SW8010	Methylene chloride	U	Detected in reagent blank

Table 10. (Continued)

Sample Number	U.S. EPA Method	Analytes	Type of Qualification	Reason
MW-1073	SW8010	Methylene chlonde	U	Detected in reagent blank
	SW6010	Iron	U	Detected in reagent blank
		Lead	U	Detected in reagent blank
		Molybdenum	U	Detected in reagent blank
		Zinc	U	Detected in reagent blank
MW-1075	SW8010	Methylene chlonde	U	Detected in reagent blank
	SW6010	Iron Zinc	U	Detected in reagent blank
			U	Detected in reagent blank

AB = Ambient blank
EB = Equipment blank
TB = Trip blank
EC = Extraction well composite
EW = Extraction well
MW = Monitoring well
RPD = Relative percent difference
U = The material was analyzed for, but not detected. The associated numerical value is the sample quantitation limit.
J = The associated numerical value is an estimated quantity
UJ = The material was analyzed for, but not detected. The sample quantitation limit is estimated.

REFERENCES

Radian Corporation, 1992. "Installation Restoration Program McClellan Air Force Base: Quality Assurance Project Plan." Final. August.

U.S. Environmental Protection Agency, 1986. *Test Methods for Evaluating Solid Waste, Third Edition.* Office of Solid Waste and Emergency Response. Washington, D.C. 20460. November.

APPENDIX A

PE Sample Evaluation for SW8010, SW8020, and SW6010 for GSAP 3Q94

Performance Evaluation (PE) samples were prepared by Environmental Resource Associates (ERA) and submitted to Radian Analytical Services in August 1994. These samples are used to assess the laboratory's ability to correctly identify and quantitate the analytes for Methods SW8010, SW8020, and SW6010. The PE sample results are presented in Table 1 and Table 2.

SW8010/SW8020: The manufacturer (ERA) diluted the sample by a factor of 100 prior to analysis in order to achieve levels comparable with those routinely found at McClellan AFB; therefore, only the certified spike levels were used for comparison.

Eleven of the 14 analytes submitted are within the acceptable spike recovery limits defined in the McClellan AFB QAPP. Two of the remaining three (chlorobenzene and 1,1,2-trichloroethane) were not detected above the laboratory detection limits. The remaining analyte xylene was detected at more than double the spike level, indicating a high bias.

SW6010: All of the analyte concentrations were within the accepted recovery limits defined in the McClellan AFB QAPP and provided by ERA. Antimony results could not be assessed, because the true value of the PE sample was below the detection limit.

Recommendations: The true values for chlorobenzene and 1,1,2-trichloroethane were within five times the detection limit. Values as you approach the instrument detection limit increase in variability. No further action required.

It is recommended that the laboratory review the chromatograms for xylene by Method SW8020. However, since xylene is rarely detected in McClellan GSAP samples and none of the xylene results for this quarter were above action levels, the impact on the data set is negligible. Please respond with any comments by October 28, 1994.

PERFORMANCE EVALUATION SAMPLE FOR METHOD SW8010/8020

Analyte	Actual Value (µg/L)	Reported Value (µg/L)	Percent Recovery (%)	Acceptance Ranges		Comments
				ERA (ug/L)	QAPP (%)	
Benzene	0.464	0.415	89	NA	60-139	Acceptable
BDCM	0.478	0.335	70	NA	52-164	Acceptable
Bromoform	0.726	<DL	NC	NA	31-161	DL=.257
Carbon Tet.	0.639	0.595	93	NA	25-205	Acceptable
Chlorobenzene	0.241	ND	NC	NA	38-167	DL=.214(8010) DL=.065(8020)
1,2-DCB	1.51	0.787	52	NA	14-165	Acceptable
1,2-DCA	1.25	0.996	80	NA	39-138	Acceptable
Ethyl Benzene	1.05	0.725	69	NA	62-144	Acceptable
Meth. Chloride	1.08	0.735	68	NA	44-134	Acceptable
PCE	1.01	0.824	82	NA	54-162	Acceptable
1,1,1-TCA	0.504	0.558	111	NA	25-205	Acceptable
1,1,2-TCA	0.250	<DL	NC	NA	3-168	DL=.0793
TCE	0.954	0.735	77	NA	25-200	Acceptable
Xylene	0.208	0.452	217	NA	61-129	Unacceptable

PERFORMANCE EVALUATION SAMPLE FOR METHOD SW6010

Analyte	Actual Value (µg/L)	Reported Value (µg/L)	Percent Recovery (%)	Acceptance Ranges		Comments
				ERA (µg/L)	QAPP (%)	
Aluminum	121	145	120	85.9-145	75-125	Acceptable
Antimony	36.6	<DL	NC	27.1-49.0	75-125	DL=76ug/L
Arsenic	163	139	85	122-192	75-125	Acceptable
Barium	289	269	93	237-341	75-125	Acceptable
Beryllium	142	141	99	116-168	75-125	Acceptable
Cadmium	183	165	90	210-302	75-125	Acceptable
Chromium	288	272	94	236-340	75-125	Acceptable
Cobalt	421	396	94	345-497	75-125	Acceptable
Copper	306	298	97	260-410	75-125	Acceptable
Iron	182	194	106	149-215	75-125	Acceptable
Lead	94.3	105	111	77.3-111	75-125	Acceptable
Manganese	128	120	94	105-151	75-125	Acceptable
Molybdenum	85	86	101	69.4-99.9	75-125	Acceptable
Nickel	142	131	92	116-168	75-125	Acceptable
Selenium	216	228	106	162-255	75-125	Acceptable
Silver	41	38	93	33.9-48.8	75-125	Acceptable
Thallium	107	118	110	69.6-126	75-125	Acceptable
Vanadium	108	103	95	88.6-127	75-125	Acceptable
Zinc	290	301	104	238-342	75-125	Acceptable

A B C D

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3

4

Plate 1.

Location of Piezometers and Monitoring, Extraction, and Water Supply Wells.

June 1994

McClellan Air Force Base

LATEST REVISION: VRL	DATE: 06/23/94
GENERATED BY:	DATE:
PEER REVIEW:	DATE:
PROJECT REVIEW:	DATE:

RADIAN CORPORATION

Index Legend:

MW	MONITORING WELL
EW	EXTRACTION WELL
PZ	PIEZOMETER
A	SCREENED IN THE A ZONE
AB	SCREENED IN BOTH A AND B ZONES
IAB	SCREENED IN AN INTERMEDIATE ZONE BETWEEN THE A AND B ZONES
QAB	SCREENED IN THE AQUITARD BETWEEN THE A AND B ZONES
B	SCREENED IN THE B ZONE
BC	SCREENED IN BOTH B AND C ZONES
QBC	SCREENED IN THE AQUITARD BETWEEN THE B AND C ZONES
C	SCREENED IN THE C ZONE
ICD	SCREENED IN AN INTERMEDIATE ZONE BETWEEN THE C AND D ZONES
QCD	SCREENED IN THE AQUITARD BETWEEN THE C AND D ZONES
D	SCREENED IN THE D ZONE
E	SCREENED IN THE E ZONE
ATE	SCREENED IN ZONES A THROUGH E
ATF	SCREENED IN ZONES A THROUGH F

Map i

M
PI
DF
AF
EX
CI
CI
CI

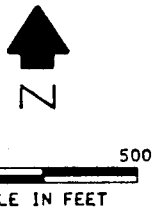
BW4 BW/INDEX VRL 06/23/94

1

E F G H

Map Legend:

- ● MONITORING WELL
- ◆ PIEZOMETER
- \+ DRY WELL
- ⊕ ABANDONED WELL
- ⊹ EXTRACTION WELL
- ✷ CITY/BASE WELL (ACTIVE)
- ✲ CITY/BASE WELL (INACTIVE)
- ✳ CITY/BASE WELL (ABANDONED)



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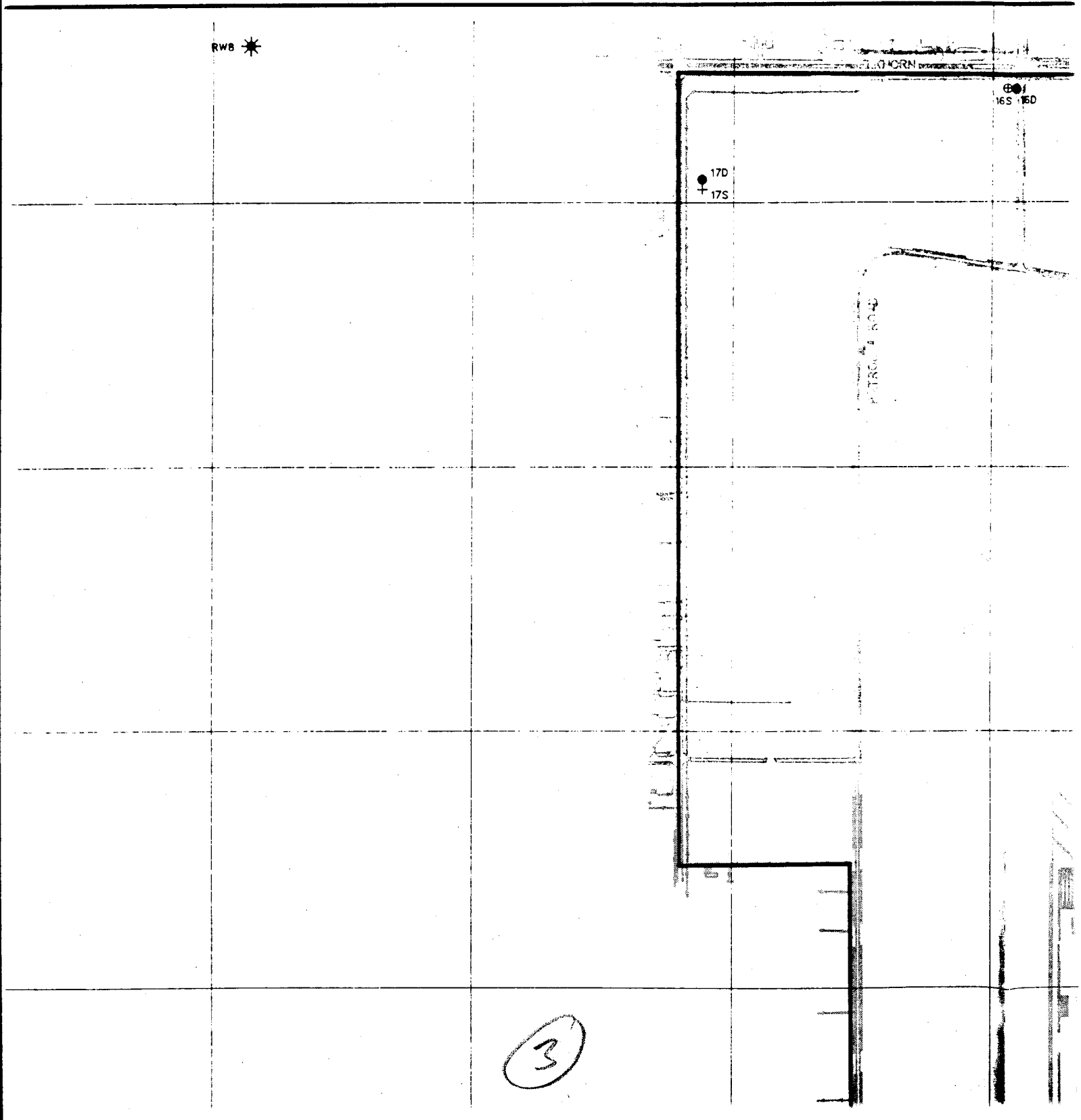

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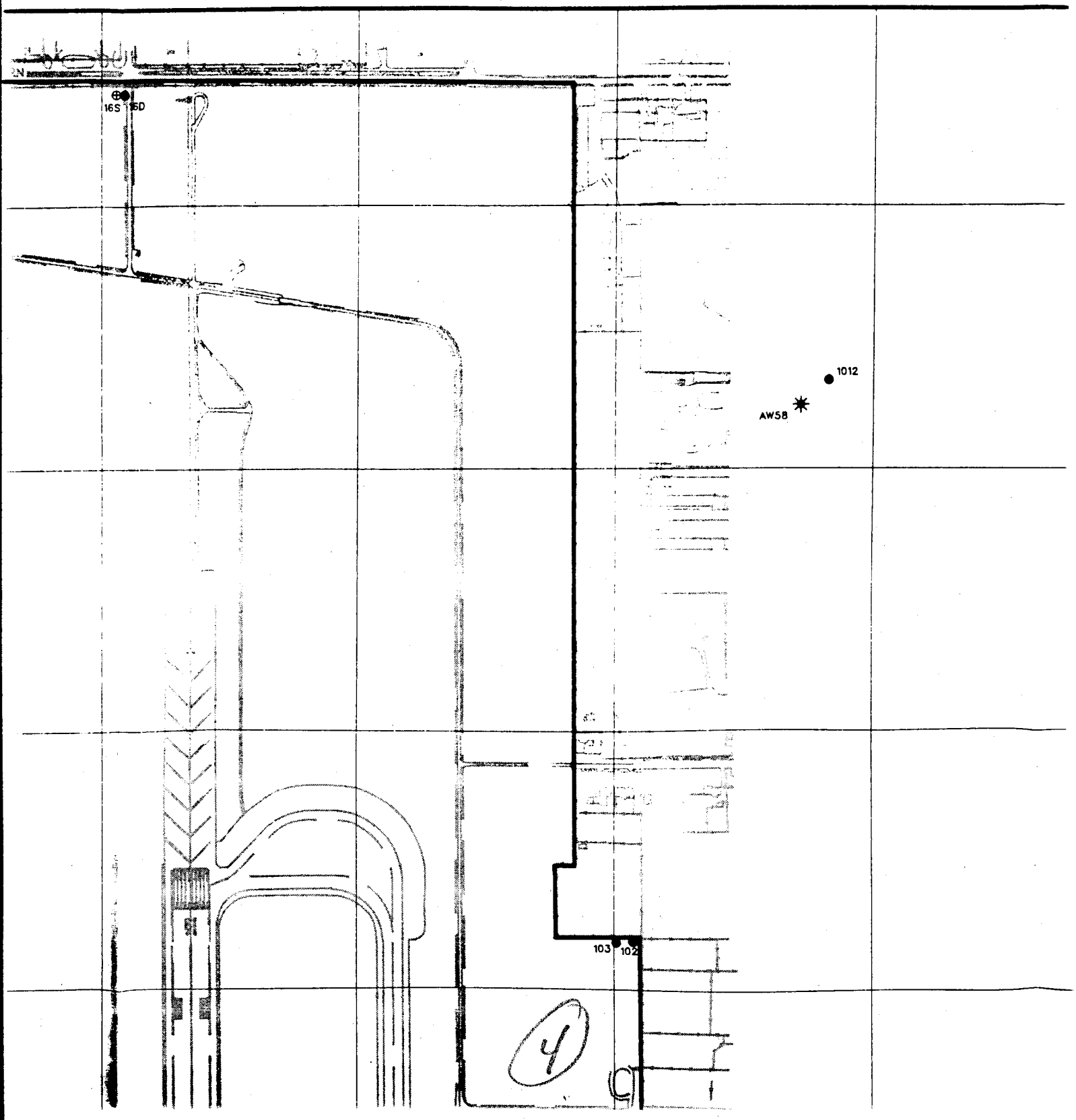
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M
N
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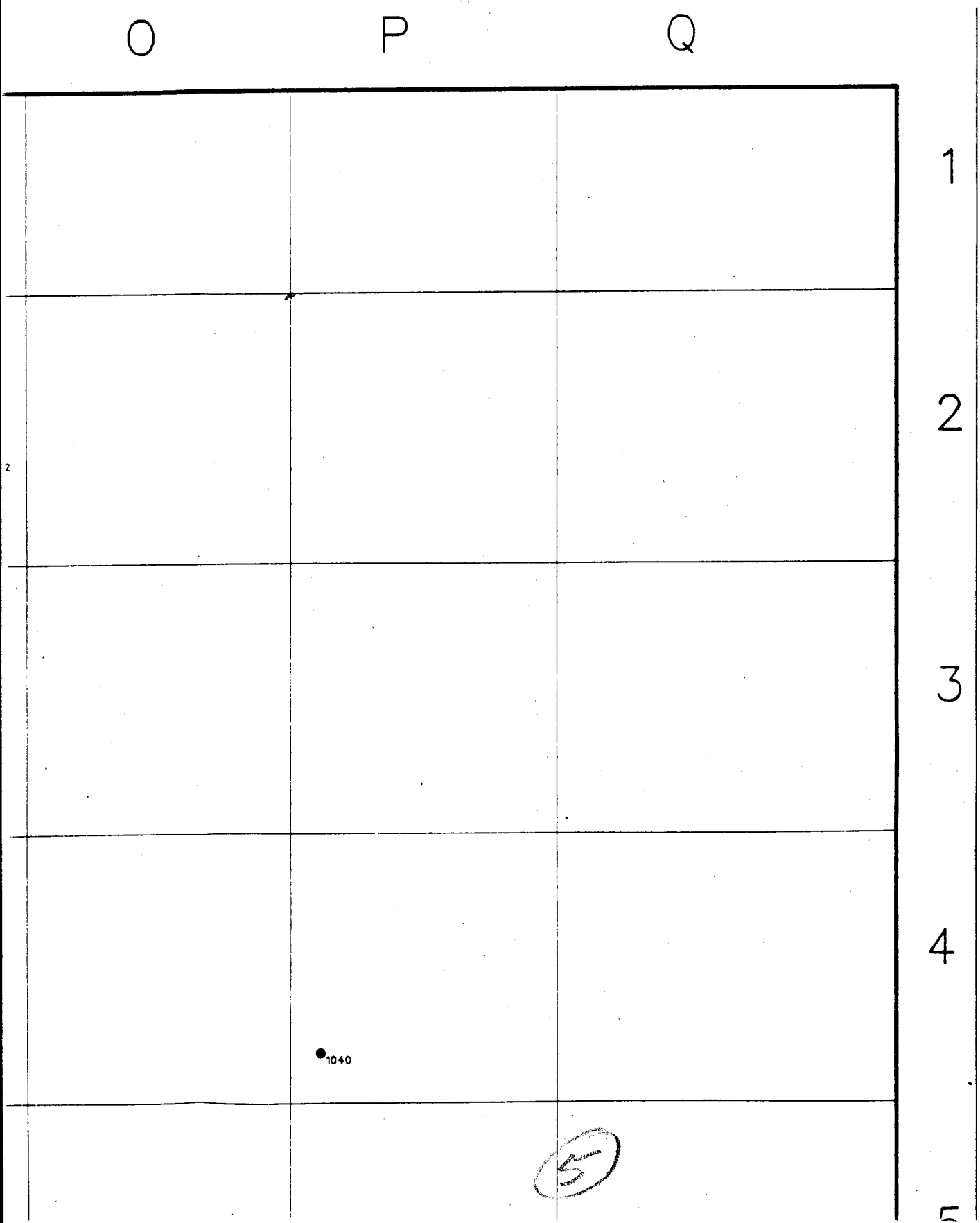
16S
16D
1012
AW58
103
102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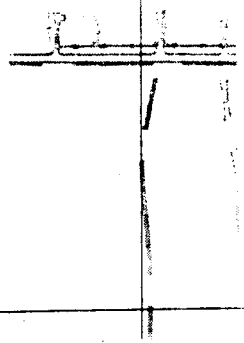

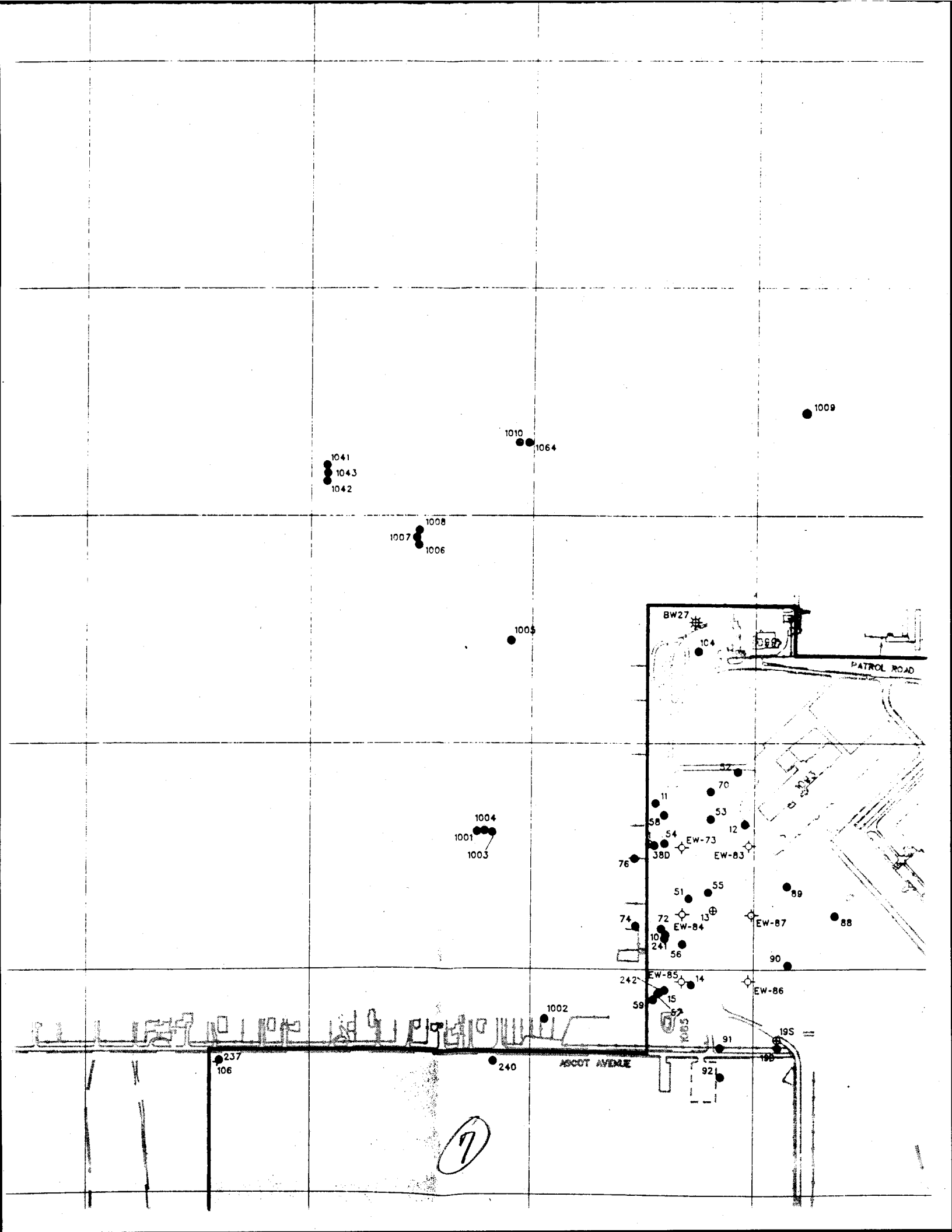
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BW27
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PATROL ROAD
32
70
11
53
58
12
54
EW-73
38D
EW-83
76
51
55
89
74
72
13
EW-84
EW-87
88
10
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56
90
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ASCOT AVENUE
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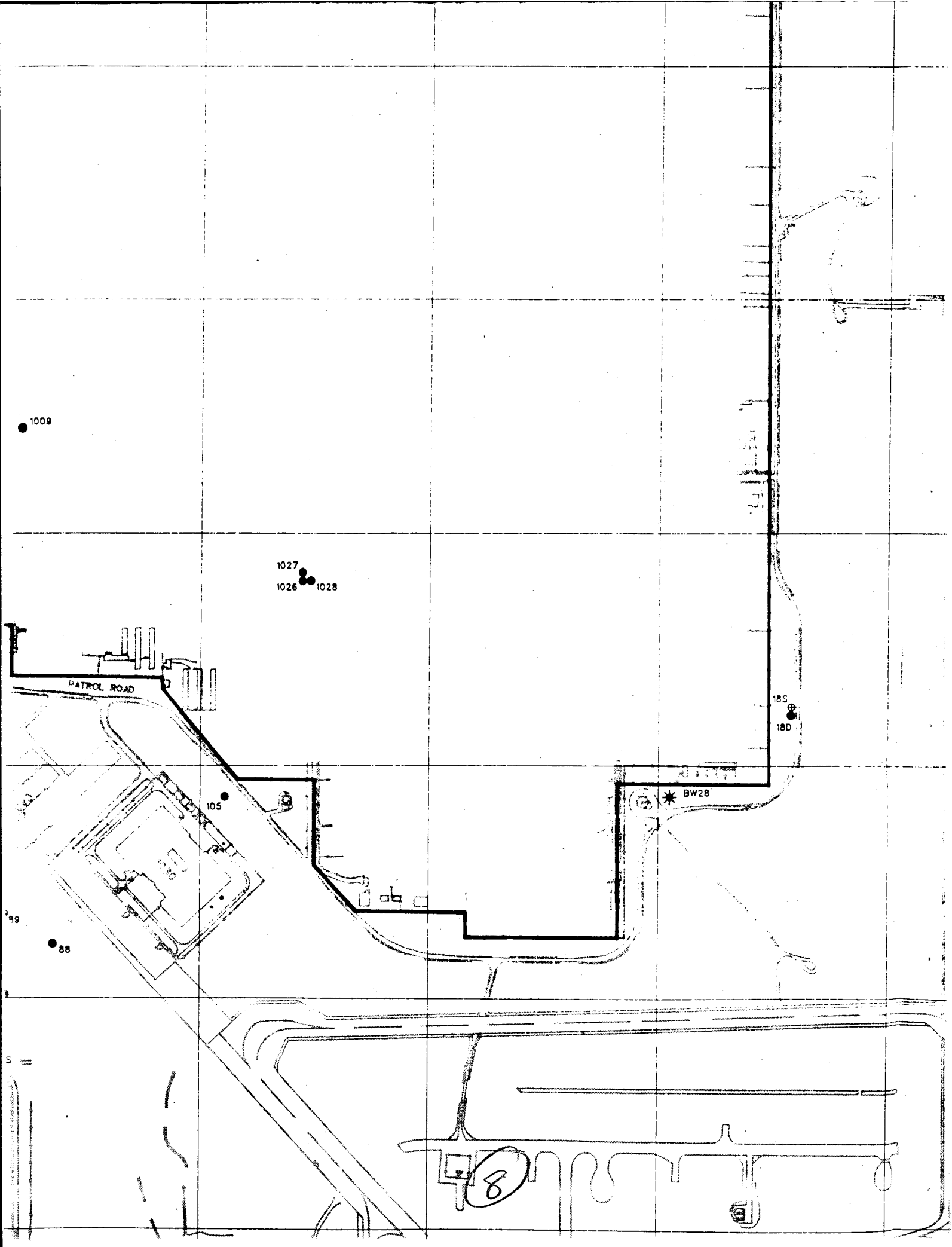
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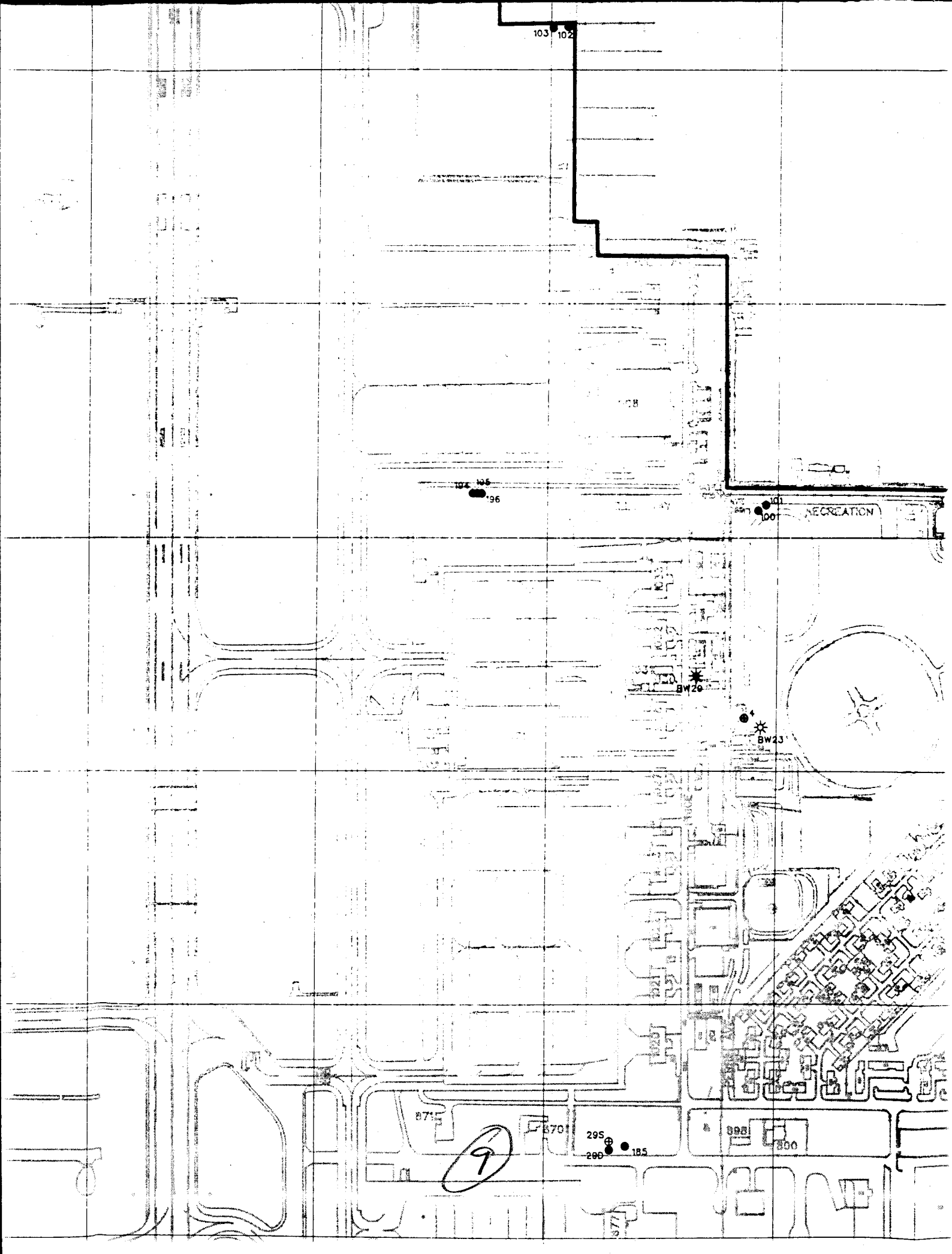
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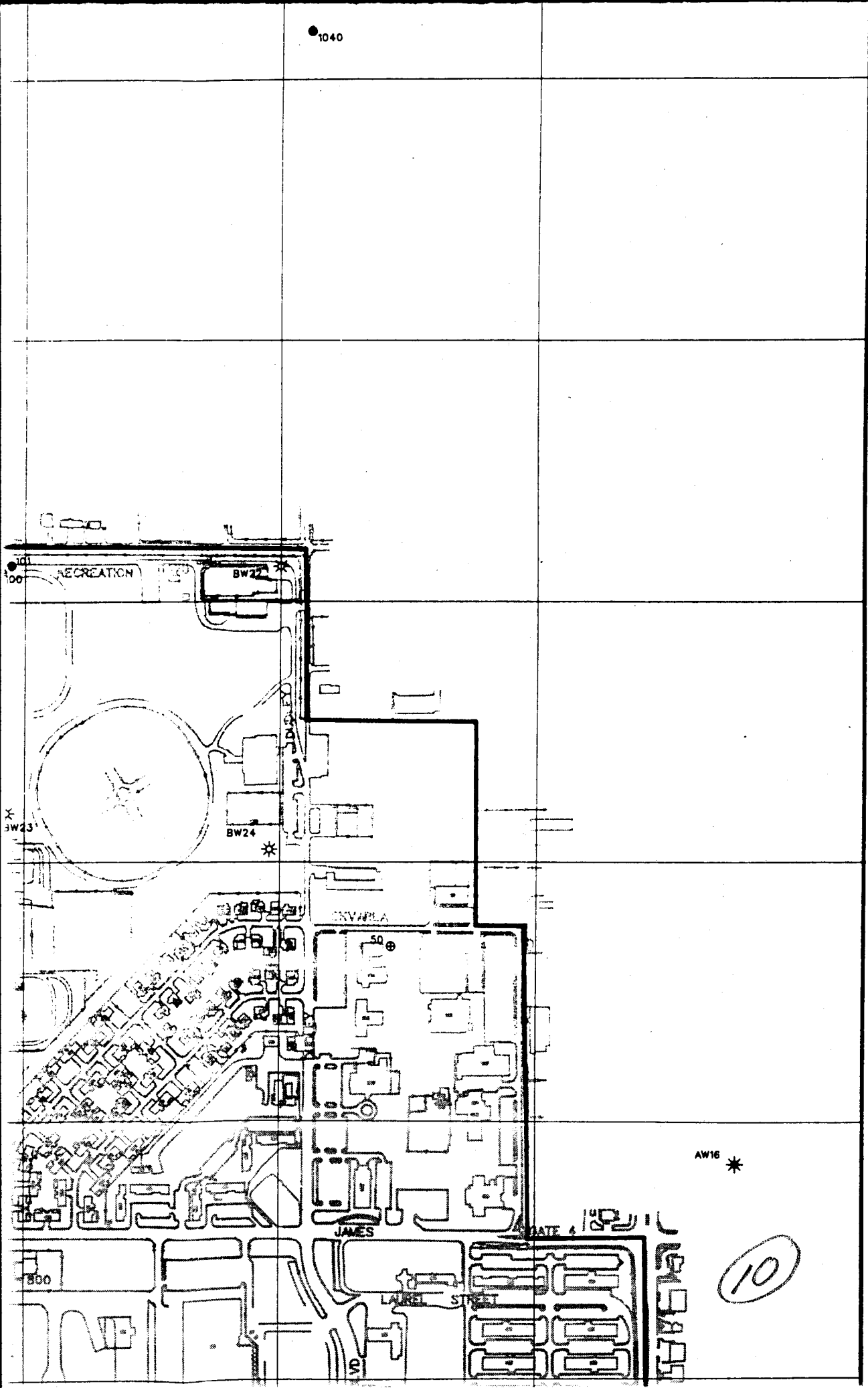
9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LAUREL STREET
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9
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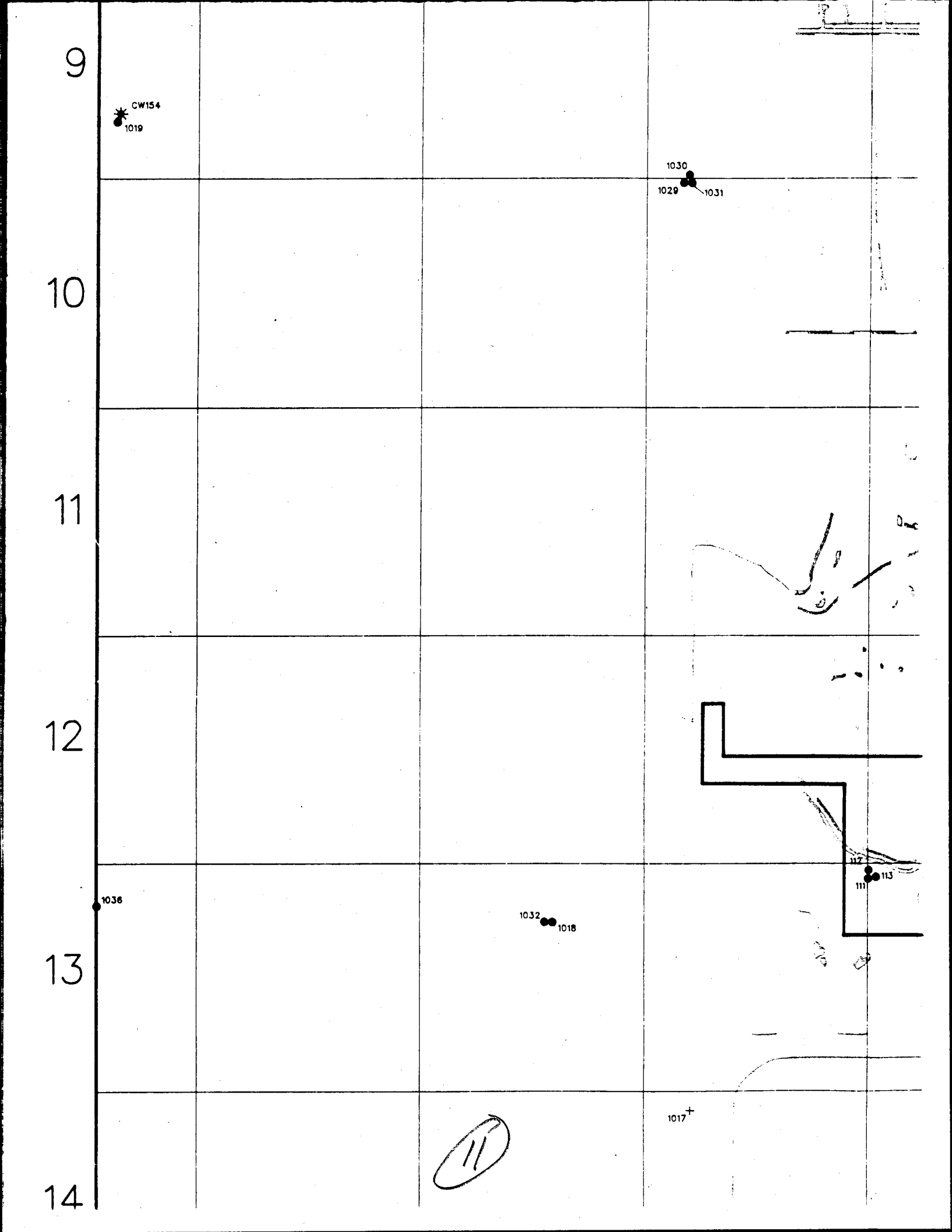
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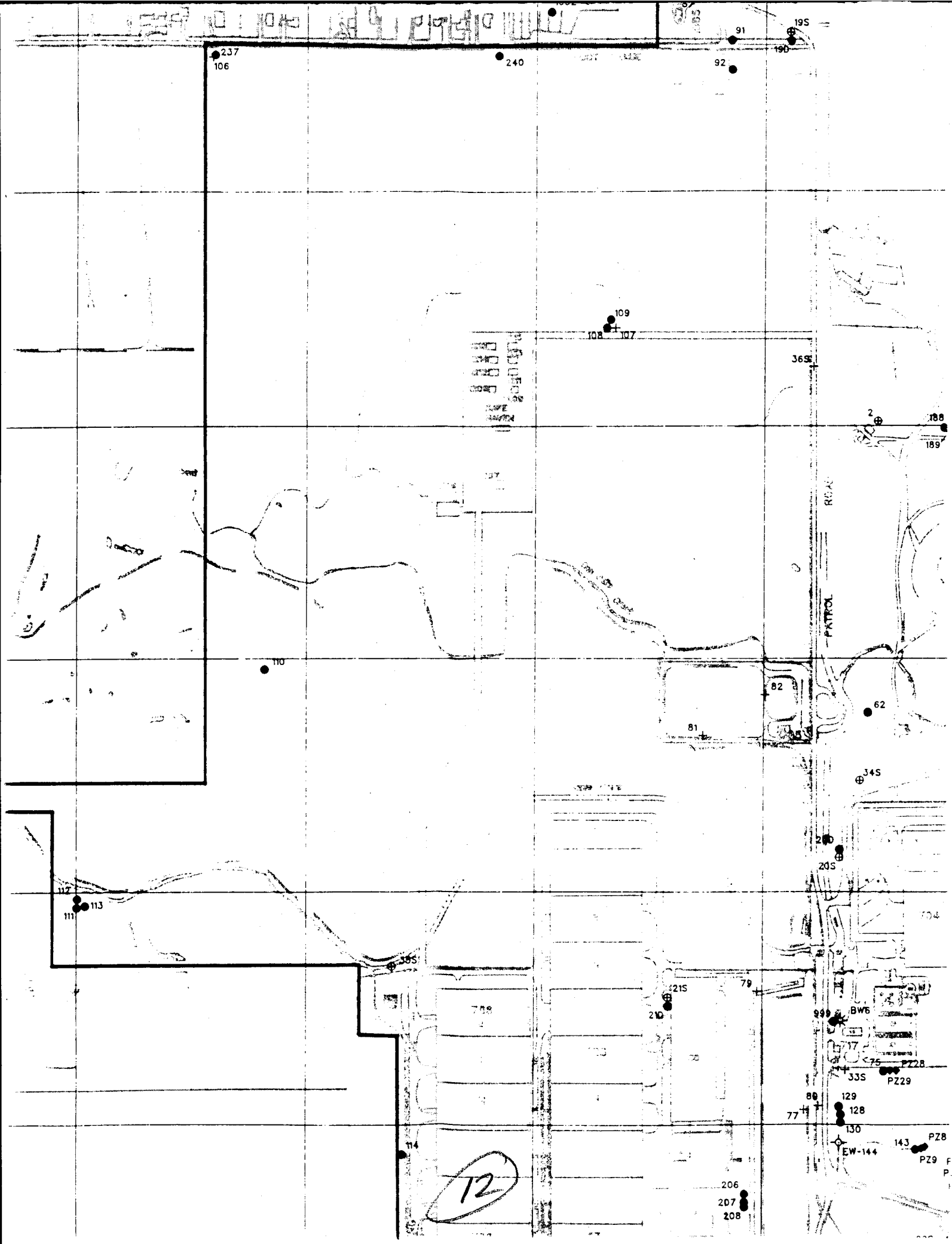
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20D
20S
112
111
113
35S
215
210
79
999
BW6
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PZ28
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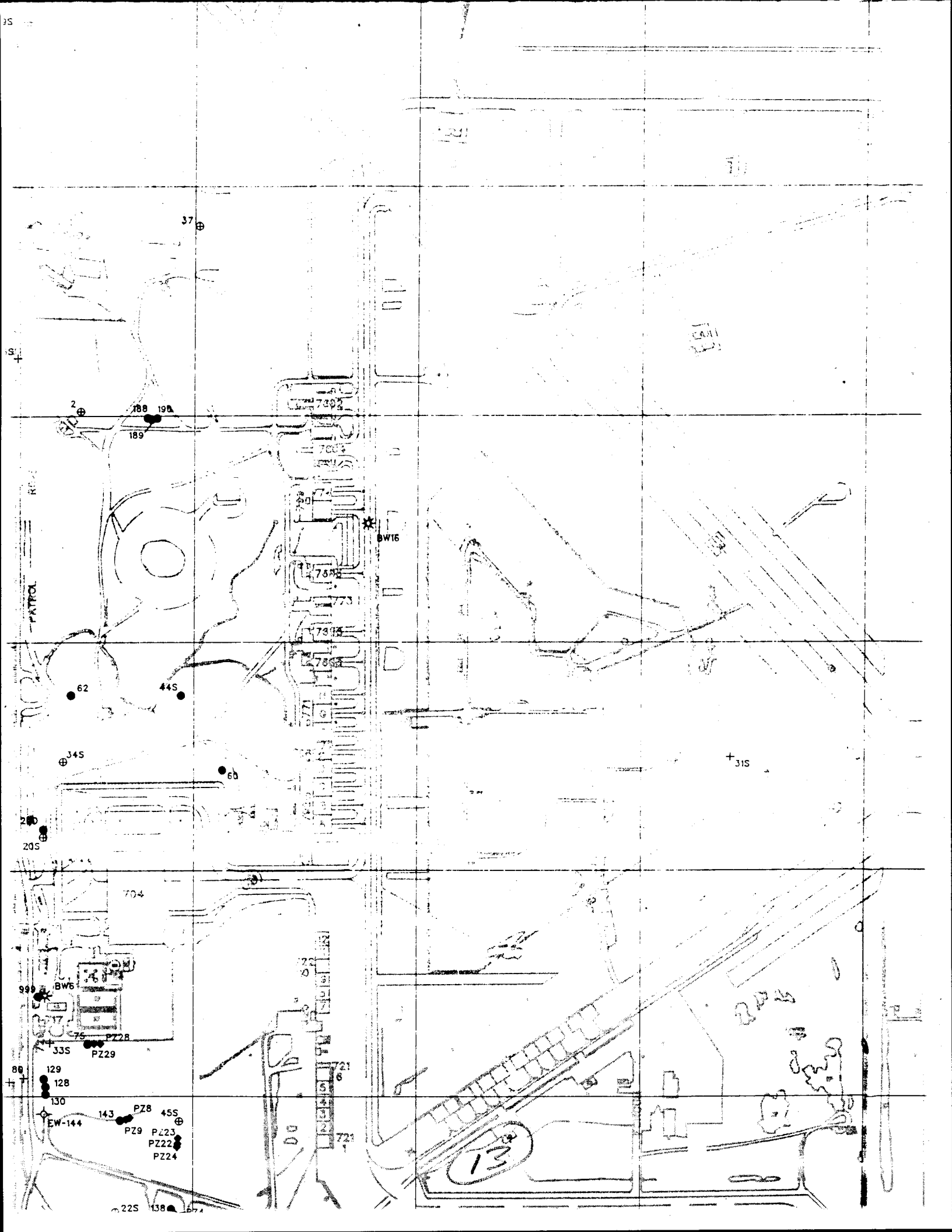
PATROL
ROAD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BW6
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33S
PZ29
80
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EW-144
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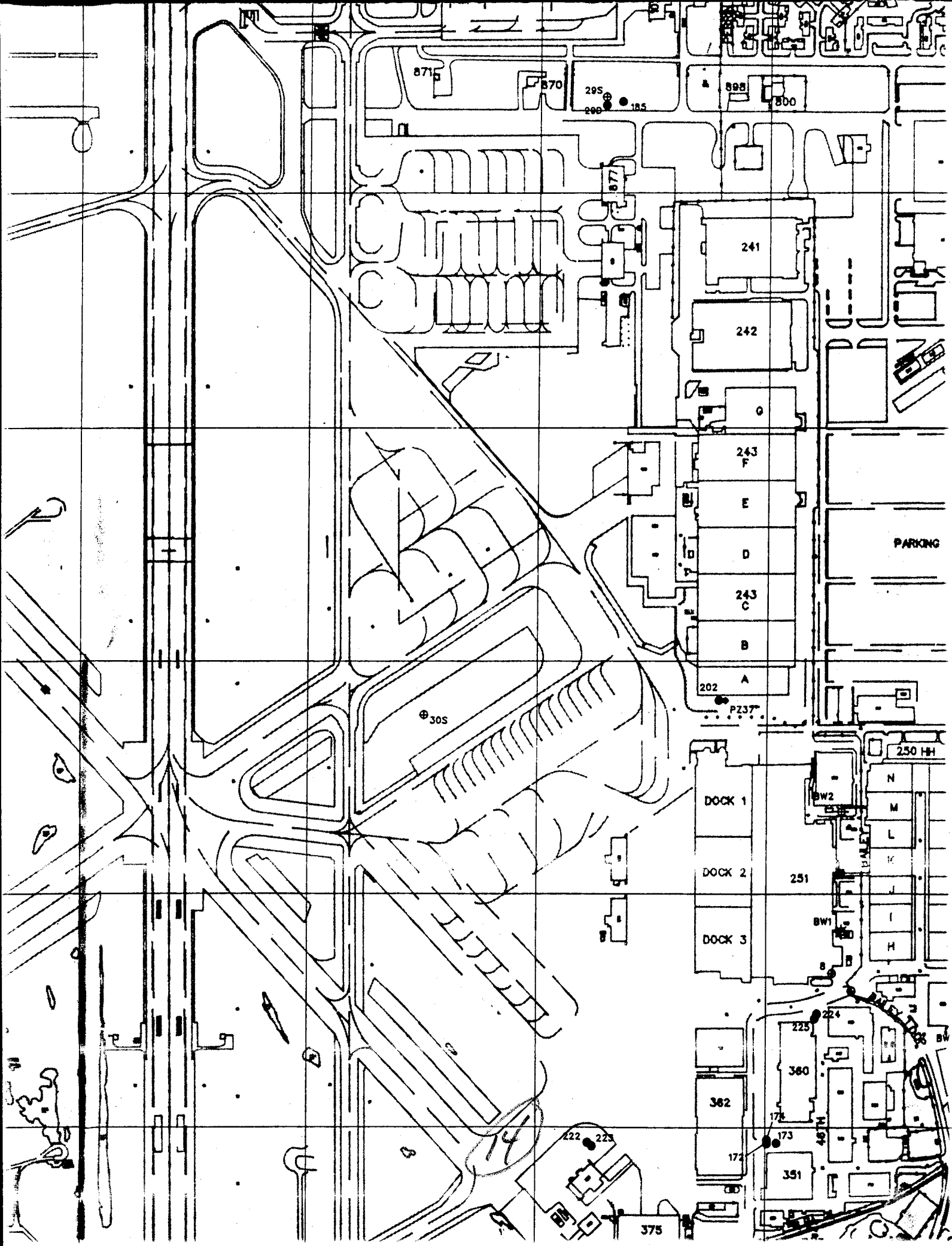
PZ22
PZ24
22S
138
PATROL
13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E
D
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C
B
A
202
PZ37
PARKING
30S
250 HH
DOCK 1
DOCK 2
DOCK 3
BW2
BW1
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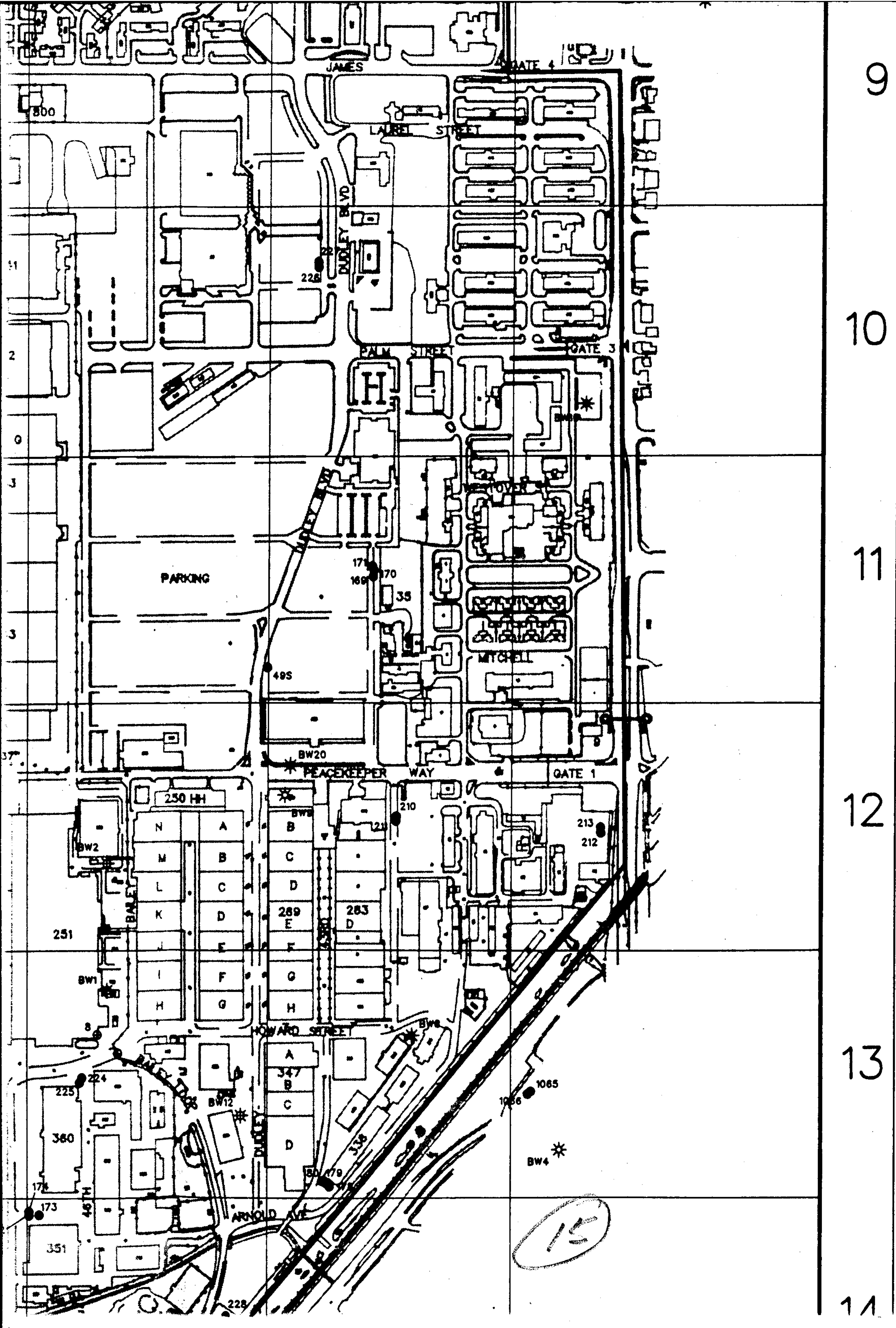

9
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13
14
JAMES
GATE 4
LAUREL STREET
800
DUDLEY BLVD
22
226
PALM STREET
GATE 3
H
BW60
WESTOVER
PARKING
171
170
169
35
MITCHELL
495
BW20
PEACEKEEPER WAY
GATE 1
9
250 HH
BW2
BW3
210
211
213
212
251
BW1
289
E
283
D
8
HOWARD STREET
BW6
347
224
225
BW12
360
1065
1066
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BW4
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173
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ARNOLD AVE
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228
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15

16

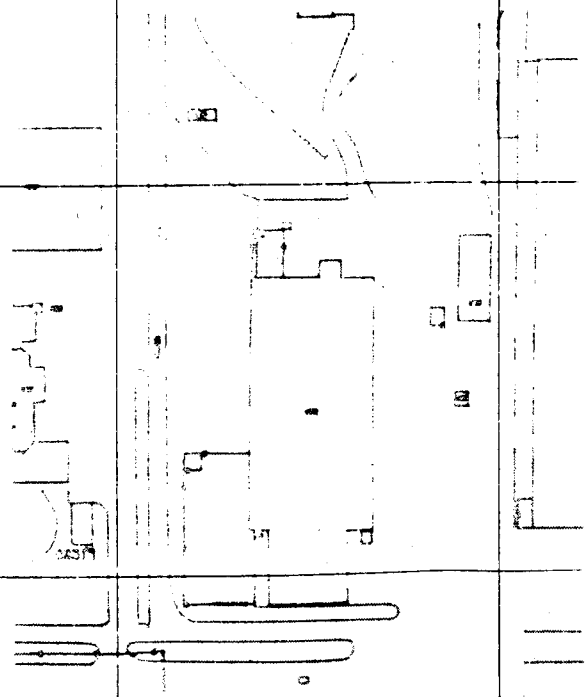
17

18

1017

1035

1033 1034



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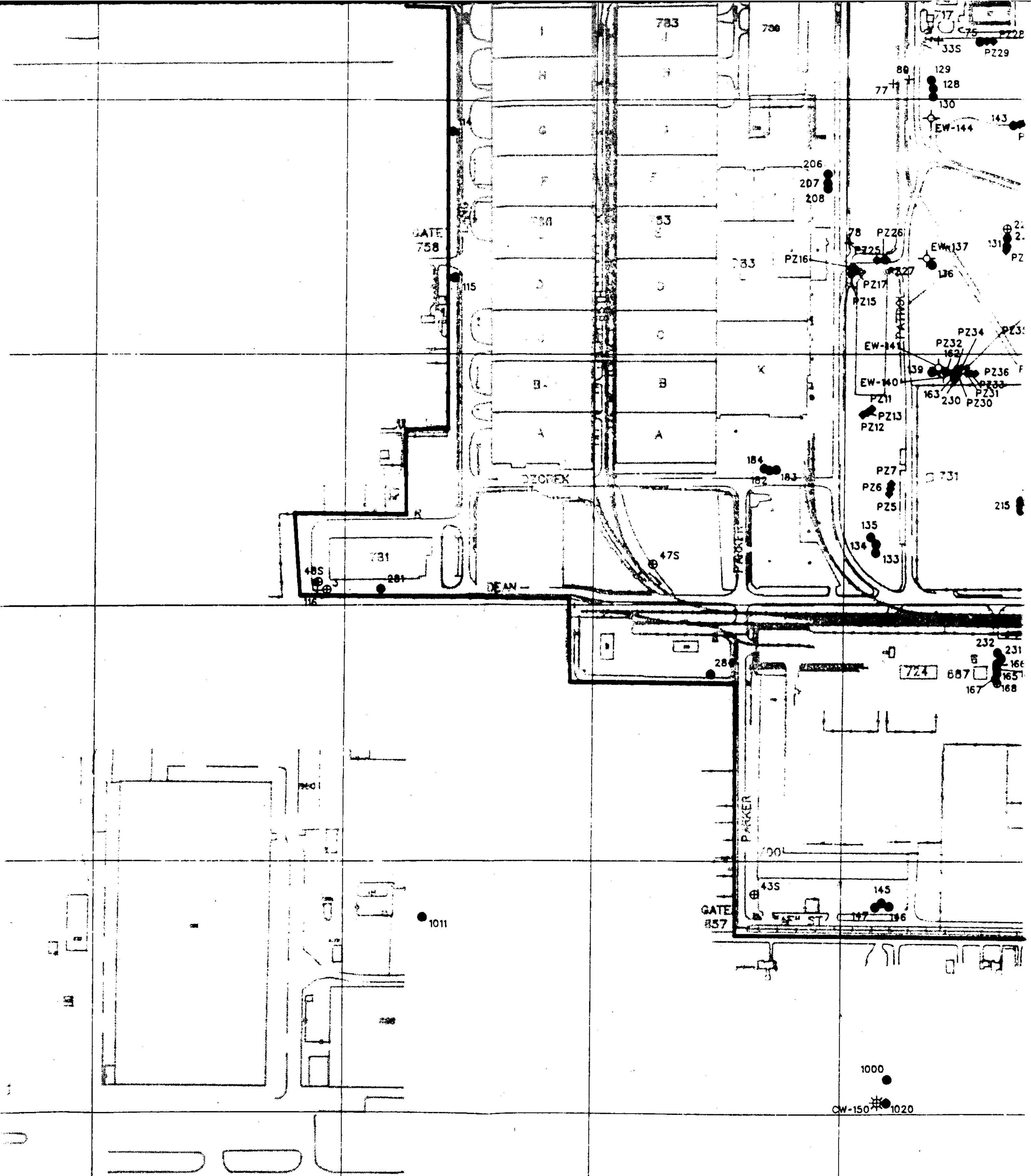

783
GATE 758
781
DZOREX
DEAN
PARKER
PATROL
724
687
731
700
GATE 857
4TH ST
48S
47S
43S
114
115
116
281
28
184
183
182
206
207
208
129
128
130
80
77
33S
PZ29
EW-144
143
78
PZ26
PZ25
PZ16
PZ27
PZ17
PZ15
EW-137
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131
PZ34
PZ32
162
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PZ11
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PZ12
PZ7
PZ6
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CW-150
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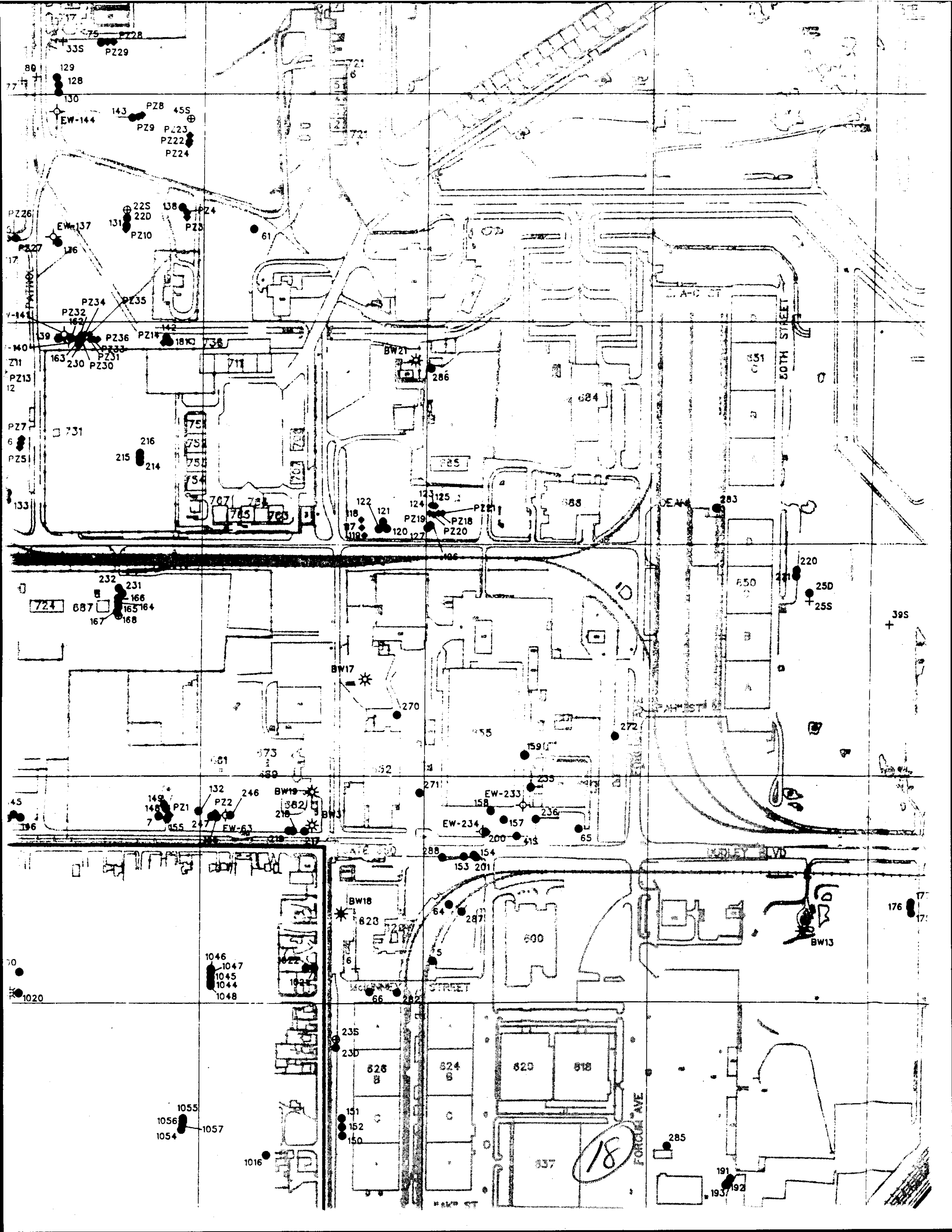

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EW-144
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PZ9
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PZ23
PZ22
PZ24
721
22S
22D
131
PZ10
138
PZ4
PZ3
61
PZ26
EW-137
PZ27
136
PZ34
PZ35
PZ32
162
139
PZ36
PZ33
PZ31
163
230
PZ30
PZ14
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181
736
711
PZ13
BW21
286
684
651 C
50TH STREET
PZ7
PZ5
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PZ19
PZ18
PZ20
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650
25D
25S
39S
BW17
270
272
655
159
BW19
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BW3
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235
EW-233
158
157
236
EW-234
200
65
132
149
PZ1
PZ2
246
148
7
155
247
EW-63
218
217
288
153
154
201
DUDLEY BLVD
BW18
64
287
600
BW13
176
1046
1047
1045
1044
1048
1022
1020
66
282
STREET
23S
23D
826 B
824 B
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1016
837
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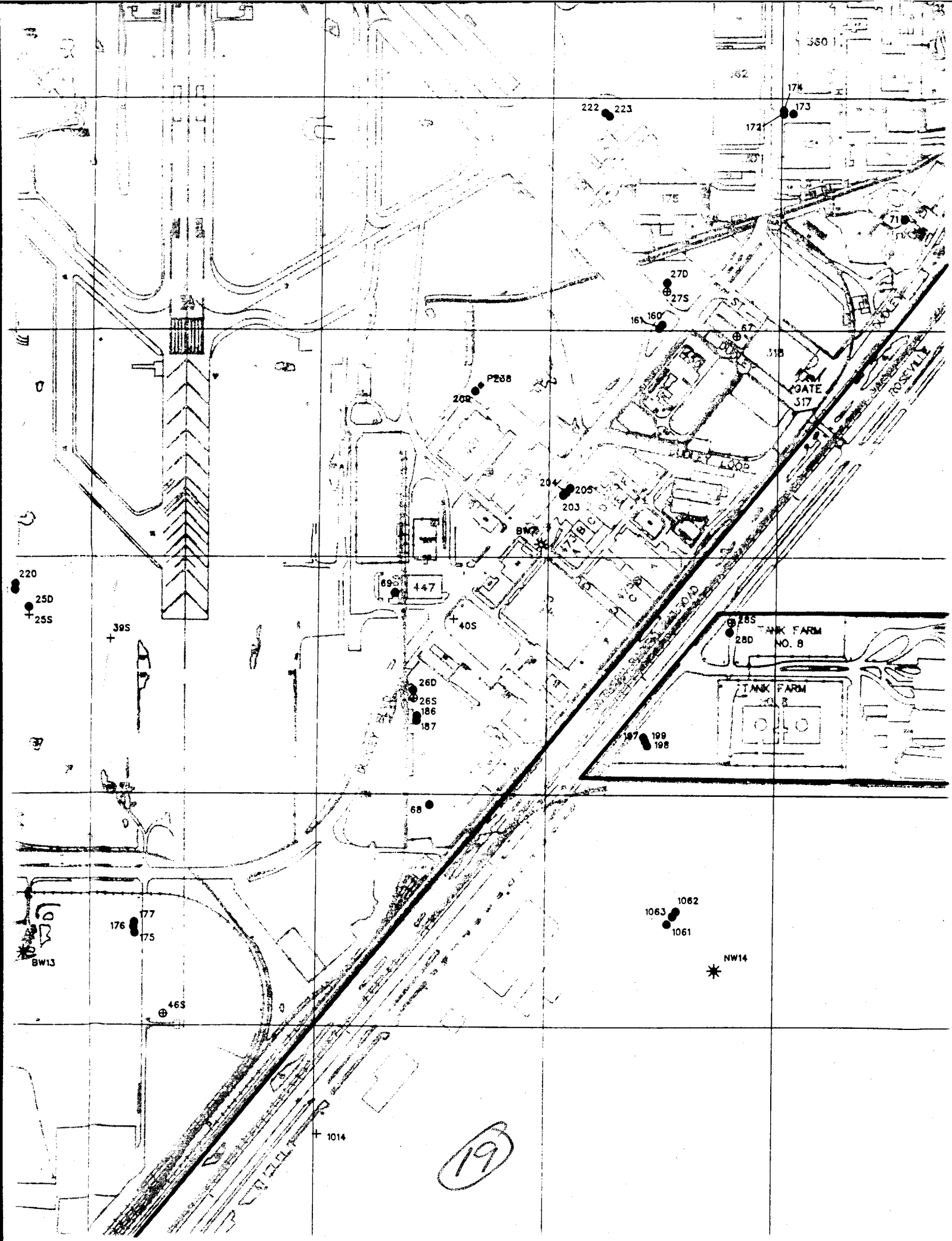
193
192
18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172
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71
27D
27S
161
160
67
318
GATE
317
ROSEVILLE
P238
202
204
205
203
BW2
220
25D
25S
69
447
39S
40S
28S
28D
TANK FARM
NO. 8
TANK FARM
26D
26S
186
187
197
199
198
68
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1063
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NW14
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BW13
46S
1014
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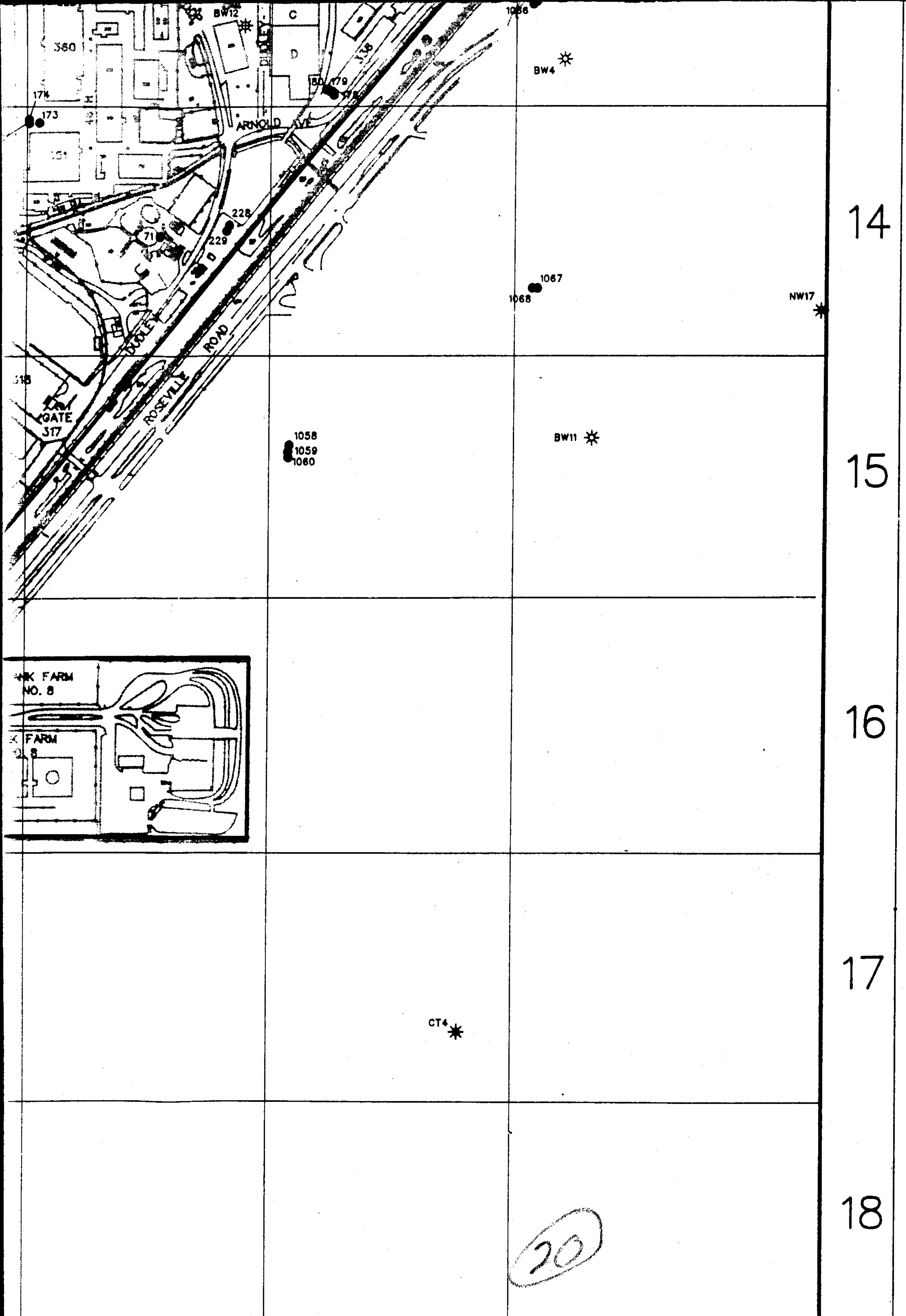
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C
D
360
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180
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ARNOLD AVE
228
229
71
1066
BW4
1067
1068
NW17
DUDLEY
ROSEVILLE ROAD
GATE
317
1058
1059
1060
BW11
NK FARM
NO. 8
FARM
CT4
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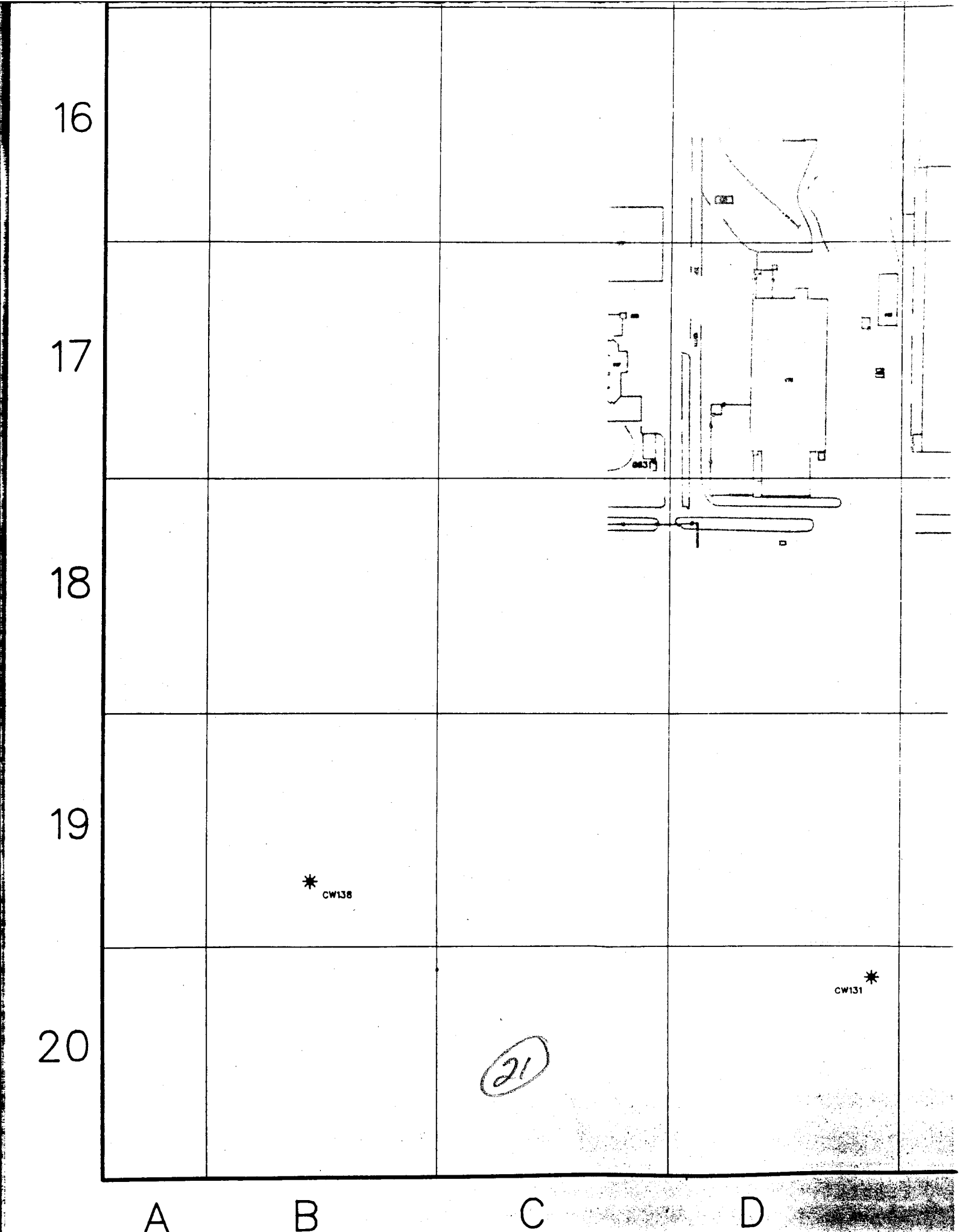
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A
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C
D
CW138
CW131
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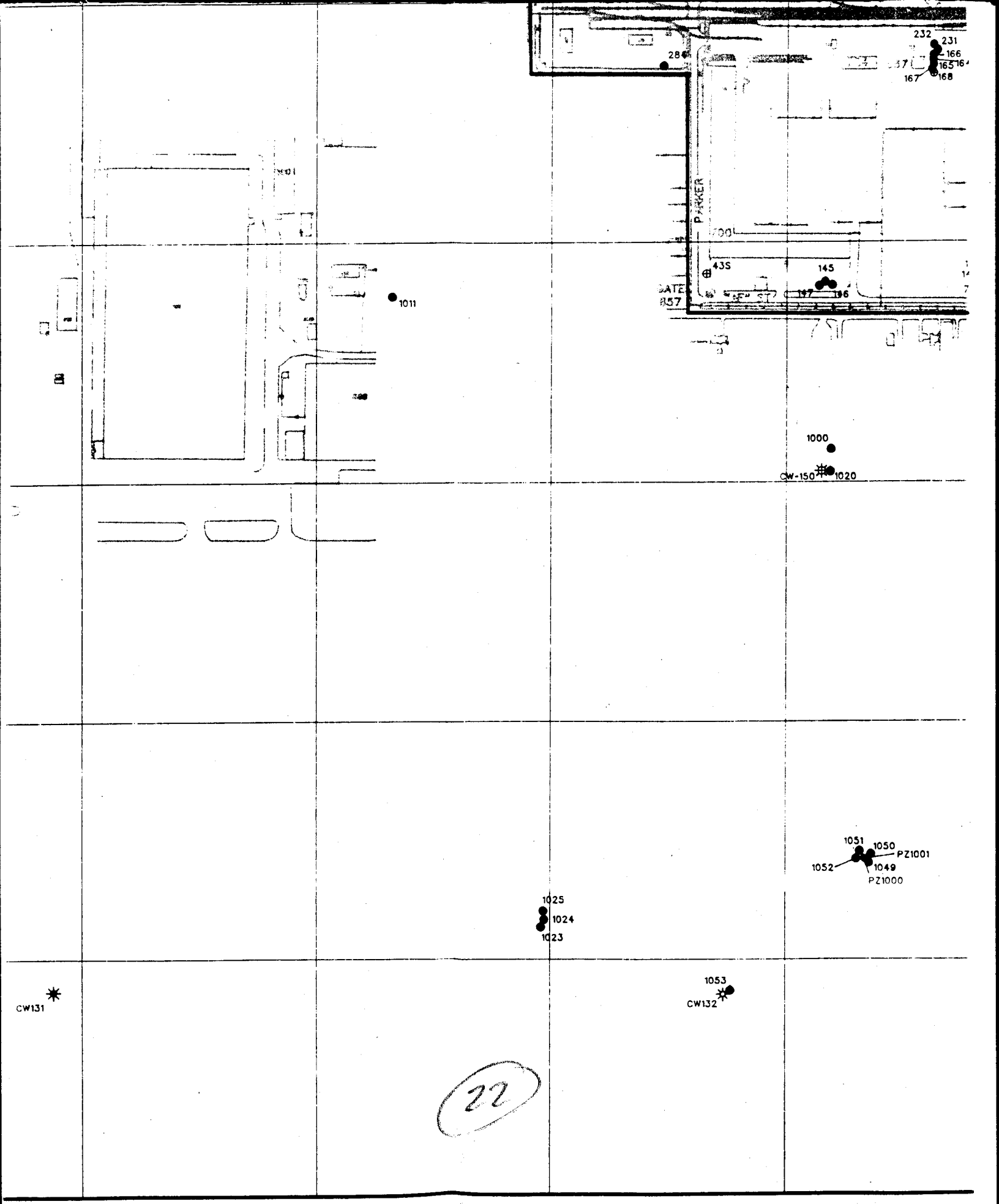
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PARKER
43S
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CW131
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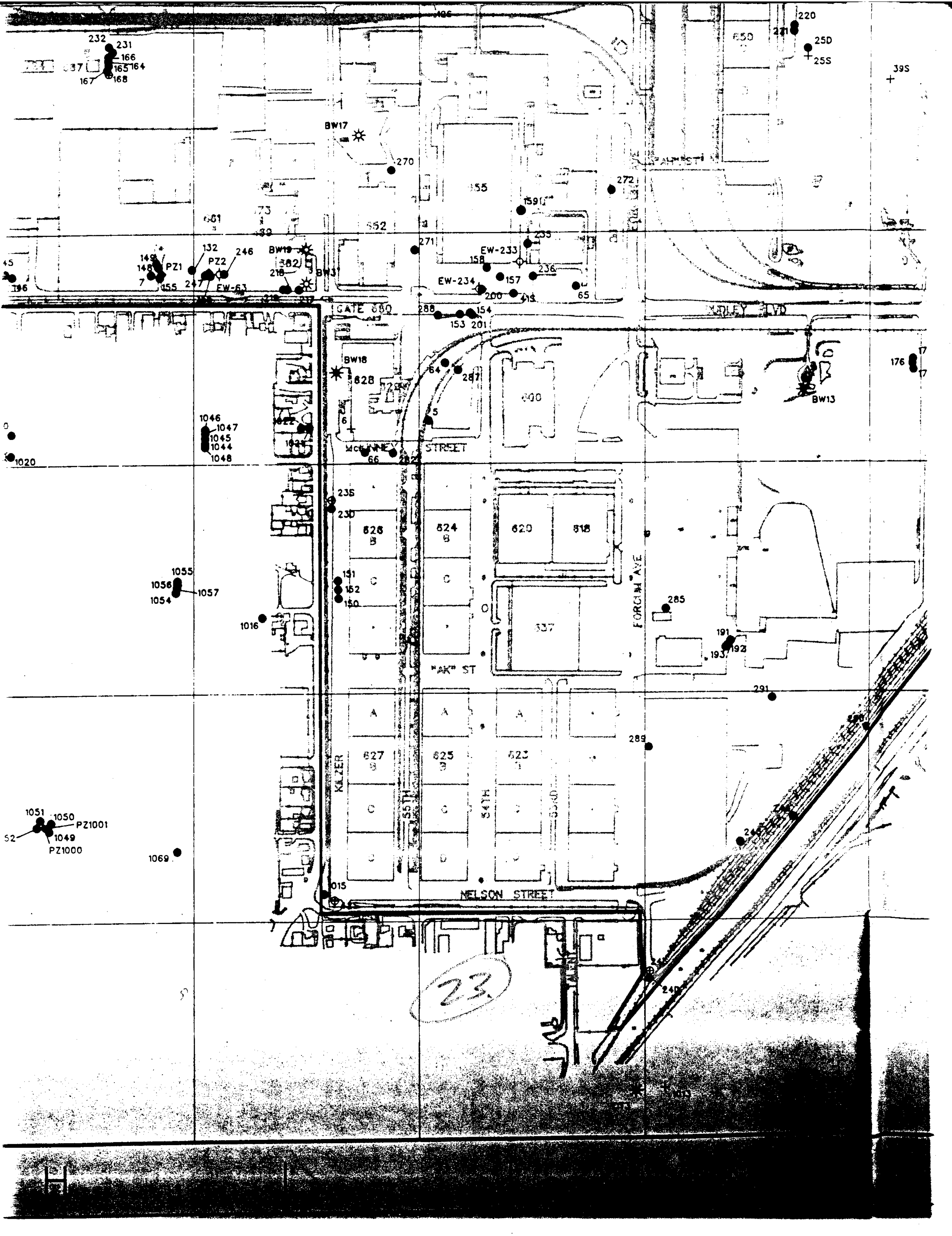
E
F
G
H



GATE 880
DUDLEY BLVD
McKINNEY STREET
"AK" ST
NELSON STREET
FORUM AVE
KIZER
55TH
54TH
53RD
BW17
BW18
BW19
BW3
BW13
EW-233
EW-234
EW-63
PZ1
PZ2
PZ1000
PZ1001
828
826 B
824 B
820
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823
837
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852
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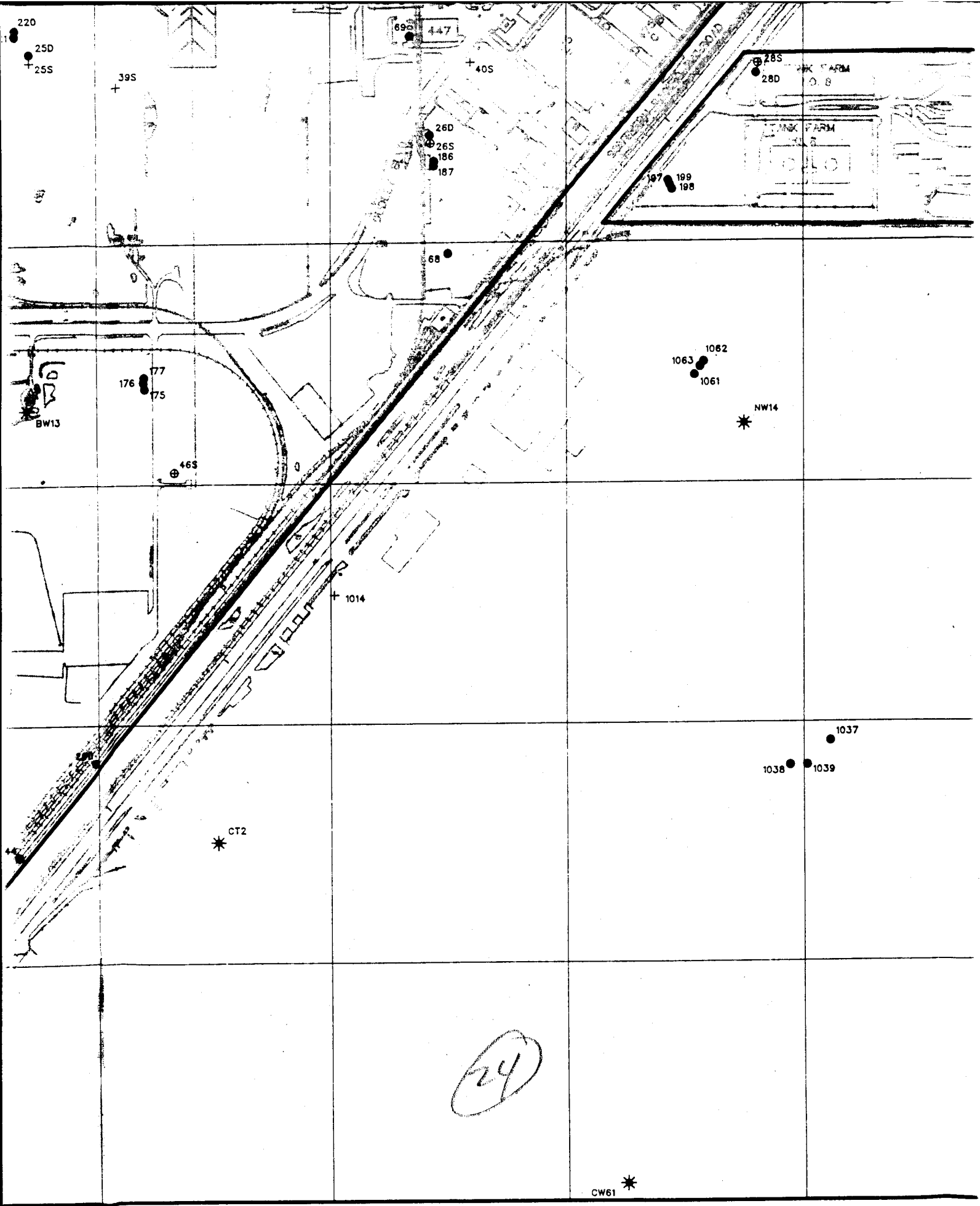
23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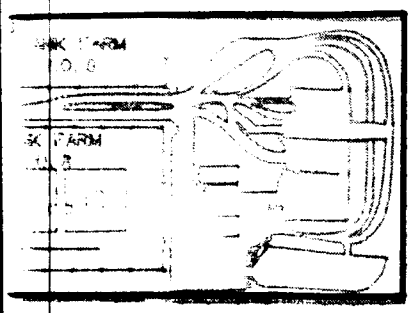

CT4

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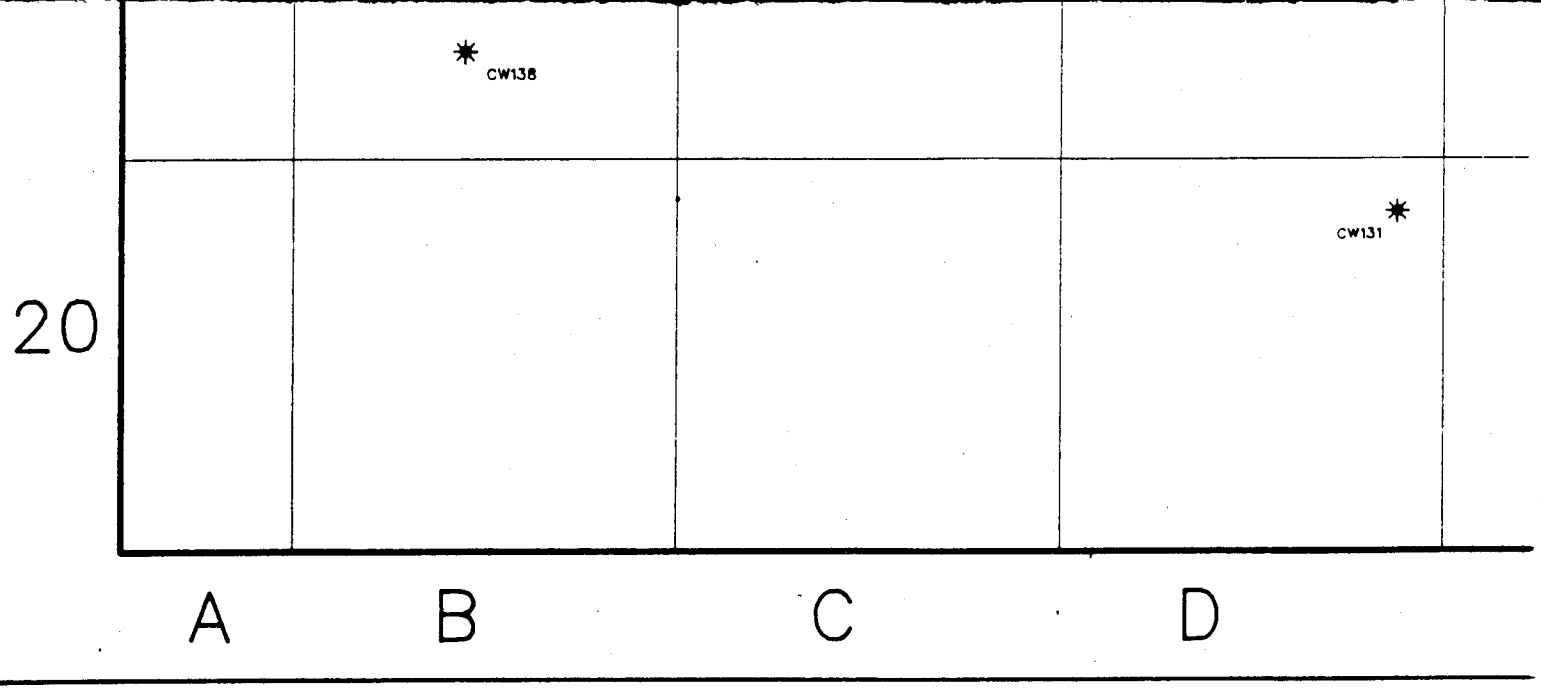

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EW-83	AB	G-8	MW-17D	AB	J-1	MW-33S	A	H-13	MW-61	
EW-84	AB	G-8	MW-17S	A	J-1	MW-34S	A	H-12	MW-62	
EW-85	AB	G-9	MW-18D	B	K-7	MW-35S	A	F-13	EW-63	
EW-86	AB	G-9	MW-18S	A	K-7	MW-36S	A	H-10	MW-64	
EW-87	AB	G-8	MW-19D	B	H-9	MW-37	A	I-10	MW-65	
EW-137	B	H-14	MW-19S	A	H-9	MW-38D	IAB	G-8	MW-66	
EW-140	B	H-15	MW-20D	B	H-12	MW-39S	A	L-16	MW-67	
EW-141	C	H-15	MW-20S	A	H-12	MW-40S	A	M-16	MW-68	
EW-144	AB	H-14	MW-21D	A	G-13	MW-41S	A	J-17	MW-69	
EW-233	A	J-17	MW-21S	A	G-13	MW-42S	A	I-19	MW-70	
EW-234	A	J-17	MW-22D	B	H-14	MW-43S	A	G-17	MW-71	
MW-1	ATE	G-8	MW-22S	AB	H-14	MW-44S	A	H-12	MW-72	
MW-2	ATE	H-10	MW-23D	B	I-18	MW-45S	A	H-14	MW-74	
MW-3	ATF	E-15	MW-23S	A	I-18	MW-46S	A	L-17	MW-75	
MW-4	ATF	N-7	MW-24D	B	K-20	MW-47S	A	G-15	MW-76	
MW-5	A	J-17	MW-24S	A	K-20	MW-48S	A	E-15	MW-77	
MW-6	A	I-17	MW-25D	A	K-16	MW-49S	A	O-11	MW-78	
MW-7	A	H-17	MW-25S	A	K-16	MW-50	A	P-8	MW-79	
MW-8	A	O-13	MW-26D	B	M-16	MW-51	B	G-8	MW-80	
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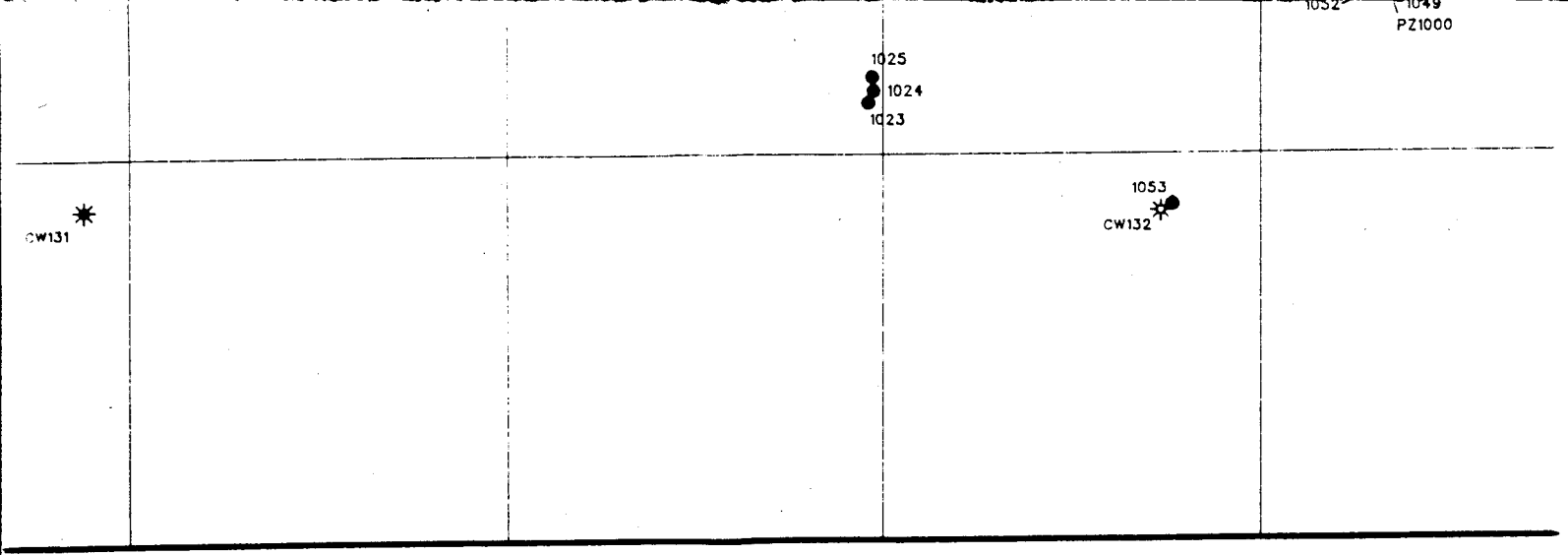
MW-11	A	G-8	MW-27S	A	N-14	MW-54	IAB	G-8	MW-88	
MW-12	A	G-8	MW-28D	A	N-16	MW-55	IAB	G-8	MW-89	
MW-13	A	G-8	MW-28S	A	N-16	MW-56	A	G-8	MW-90	
MW-14	A	G-9	MW-29D	B	N-9	MW-57	IAB	G-9	MW-91	
MW-15	A	G-9	MW-29S	A	N-9	MW-58	B	G-8	MW-92	
MW-16D	AB	L-1	MW-30S	A	M-12	MW-59	B	G-9	MW-100	



E F G H

WELL	ZONE	GRID	WELL	ZONE	GRID	WELL	ZONE	GRID	WELL	ZONE
MW-60	A	I-12	MW-101	A	N-6	MW-129	A	H-13	MW-161	C
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MW-62	A	H-12	MW-103	B	N-4	MW-131	A	H-14	MW-163	D
EW-63	B	I-17	MW-104	B	G-7	MW-132	C	H-17	MW-164	A
MW-64	B	J-17	MW-105	B	I-8	MW-133	C	H-15	MW-165	B
MW-65	A	J-17	MW-106	A	E-9	MW-134	B	H-15	MW-166	C
MW-66	B	I-17	MW-107	A	G-10	MW-135	A	H-15	MW-167	D
MW-67	A	N-15	MW-108	IAB	G-10	MW-136	C	H-14	MW-168	D
MW-68	A	M-17	MW-109	B	G-10	MW-138	C	H-14	MW-169	A
MW-69	BC	M-16	MW-110	A	E-12	MW-139	A	H-15	MW-170	B
MW-70	IAB	G-8	MW-111	A	E-13	MW-142	B	H-15	MW-171	C
MW-71	B	O-14	MW-112	B	E-13	MW-143	B	H-14	MW-172	A
MW-72	A	G-8	MW-113	IAB	E-13	MW-145	A	H-17	MW-173	B
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MW-75	A	H-13	MW-115	A	F-14	MW-147	C	H-17	MW-175	A
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MW-77	A	H-13	MW-117	A	I-15	MW-149	D	H-17	MW-177	C
MW-78	A	H-14	MW-118	B	I-15	MW-150	A	I-18	MW-178	A
MW-79	A	G-13	MW-119	C	I-15	MW-151	B	I-18	MW-179	B
MW-80	A	H-13	MW-120	A	I-15	MW-152	C	I-18	MW-180	C
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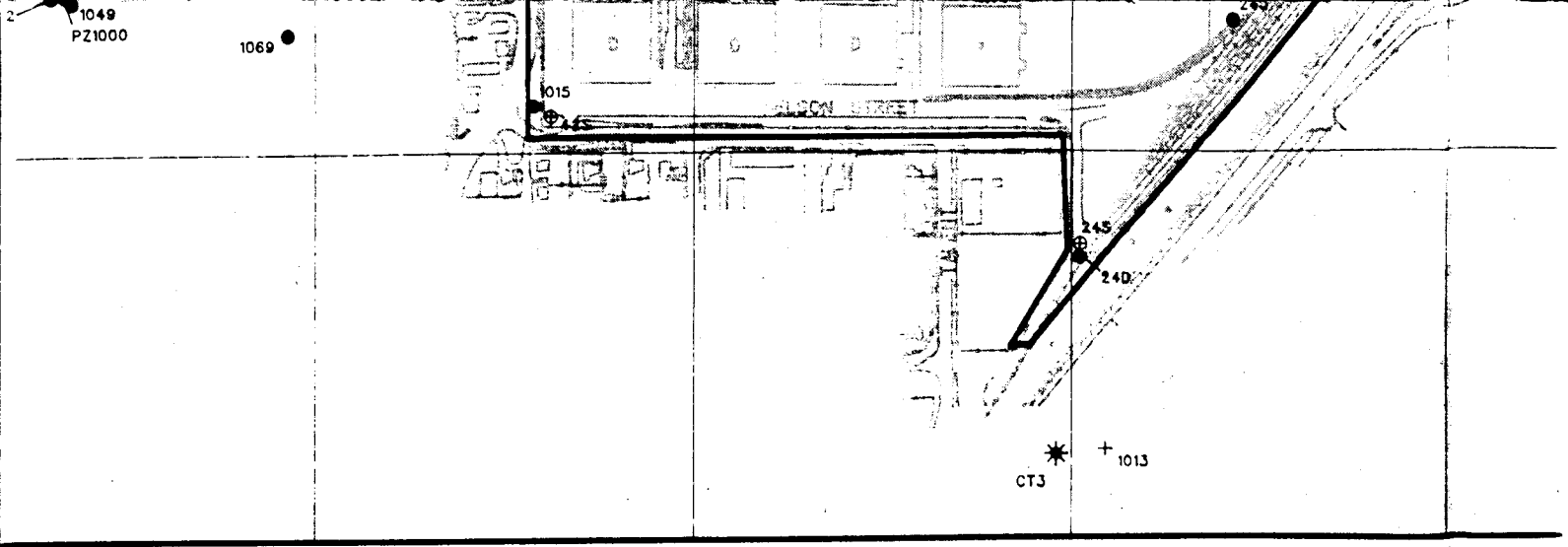
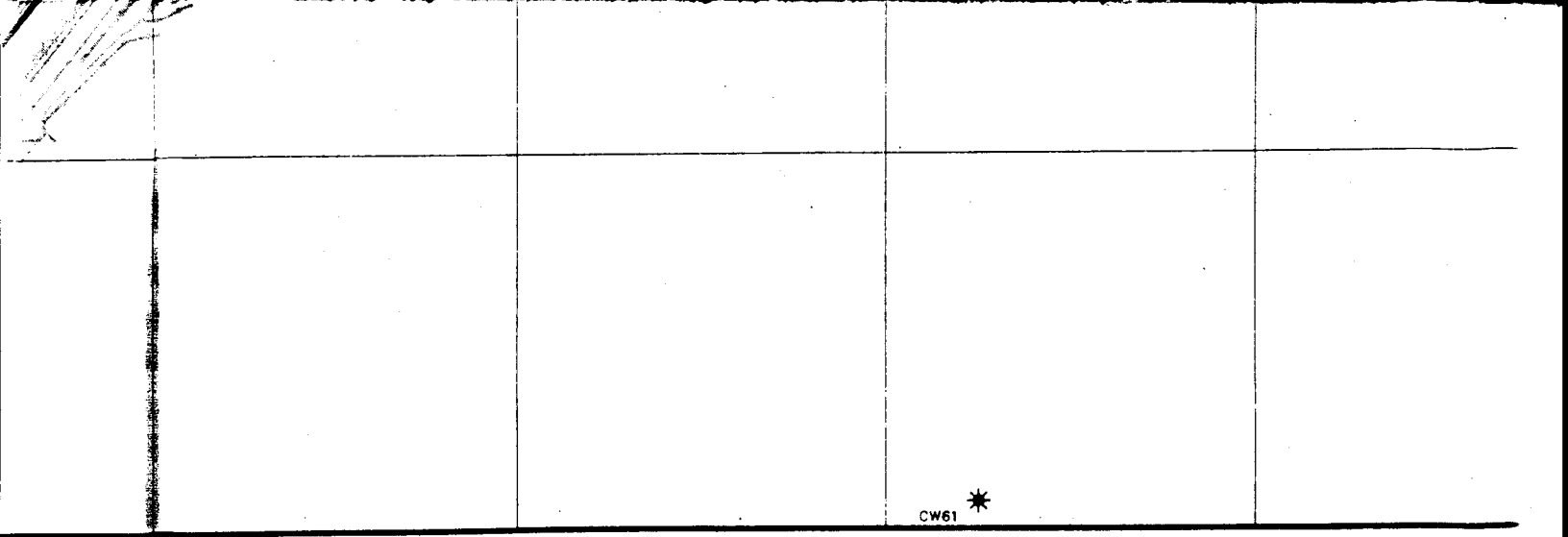
MW-88	A	H-8	MW-123	A	J-15	MW-155	A	H-17	MW-183	B
MW-89	A	H-8	MW-124	IAB	J-15	MW-156	B	I-17	MW-184	C
MW-90	A	H-8	MW-125	C	J-15	MW-157	A	J-17	MW-185	A
MW-91	A	G-9	MW-126	AB	J-15	MW-158	A	J-17	MW-186	A
MW-92	A	G-9	MW-127	C	J-15	MW-159	A	J-16	MW-187	C
MW-100	BC	N-6	MW-128	A	H-13	MW-160	A	N-14	MW-188	A



H I J K

WELL	ZONE	GRID	WELL	ZONE	GRID	WELL	ZONE	GRID	WELL	ZONE	GRID
-161	C	N-14	MW-189	B	H-11	MW-217	A	I-17	MW-270	A	I-16
-162	D	H-15	MW-190	C	H-11	MW-218	B	I-17	MW-271	A	I-17
-163	D	H-15	MW-191	A	K-18	MW-219	C	I-17	MW-272	A	J-16
-164	A	H-16	MW-192	B	K-18	MW-220	B	K-16	MW-281	A	F-15
-165	B	H-16	MW-193	C	K-18	MW-221	C	K-16	MW-282	A	J-17
-166	C	H-16	MW-194	A	M-6	MW-222	A	N-14	MW-283	A	K-15
-167	D	H-16	MW-195	B	M-6	MW-223	B	N-14	MW-284	A	G-16
-168	D	H-16	MW-196	C	M-6	MW-224	A	O-13	MW-285	A	K-18
-169	A	P-11	MW-197	A	N-16	MW-225	B	O-13	MW-286	A	J-15
-170	B	P-11	MW-198	B	N-16	MW-226	A	P-10	MW-287	A	J-17
-171	C	P-11	MW-199	C	N-16	MW-227	B	P-10	MW-288	A	J-17
-172	A	O-14	MW-200	A	J-17	MW-228	A	O-14	MW-289	A	K-19
-173	B	O-14	MW-201	B	J-17	MW-229	B	O-14	MW-290	A	K-19
-174	C	O-14	MW-202	A	N-12	MW-230	E	H-15	MW-291	A	K-19
-175	A	L-17	MW-203	A	N-15	MW-231	E	H-16	MW-999	A	H-13
-176	B	L-17	MW-204	B	N-15	MW-232	E	H-16	MW-1000	IAB	H-17
-177	C	L-17	MW-205	C	N-15	EW-233	A	J-17	MW-1001	B	F-8
-178	A	P-13	MW-206	A	G-14	EW-234	A	J-17	MW-1002	A	G-9
-179	B	P-13	MW-207	B	G-14	MW-235	A	J-17	MW-1003	IAB	F-8
-180	C	P-13	MW-208	C	G-14	MW-236	A	J-17	MW-1004	A	F-8
-181	C	H-15	MW-209	A	M-15	MW-237	A	E-9	MW-1005	A	F-7
-182	A	G-15	MW-210	A	P-12	MW-240	A	F-9	MW-1006	B	F-7
-183	B	G-15	MW-211	B	P-12	MW-241	A	G-8	MW-1007	IAB	F-7
-184	C	G-15	MW-212	A	Q-12	MW-242	A	G-9	MW-1008	A	F-7
-185	A	N-9	MW-213	B	Q-12	MW-243	A	K-19	MW-1009	A	H-6
-186	A	M-16	MW-214	A	H-15	MW-244	A	K-19	MW-1010	AB	F-6
187	C	M-16	MW-215	B	H-15	EW-247	C	I-17	MW-1011	A	F-17
188	A	H-11	MW-216	C	H-15	MW-270	A	I-17	MW-1012	A	N-2



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	ZONE	GRID	WELL	ZONE	GRID	WELL	ZONE	GRID	WELL	ZONE	GRID
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1	A	I-17	MW-1014	A	M-18	MW-1042	AB	F-6	PZ-1	A	H-17
2	A	J-16	MW-1015	A	I-19	MW-1043	B	F-6	PZ-2	B	I-17
1	A	F-15	MW-1016	A	I-18	MW-1044	A	I-17	PZ-3	A	H-14
2	A	J-17	MW-1017	A	D-14	MW-1045	B	I-17	PZ-4	B	H-14
3	A	K-15	MW-1018	A	C-13	MW-1046	C	I-17	PZ-5	A	H-15
4	A	G-16	MW-1019	A	A-9	MW-1047	D	I-17	PZ-6	B	H-15
5	A	K-18	MW-1020	A	H-17	MW-1048	D	I-17	PZ-7	C	H-15
6	A	J-15	MW-1021	A	I-17	MW-1049	A	H-19	PZ-8	A	H-14
7	A	J-17	MW-1022	B	I-17	MW-1050	B	H-19	PZ-9	C	H-14
8	A	K-17	MW-1023	A	G-19	MW-1051	C	H-19	PZ-10	C	H-14
9	A	K-19	MW-1024	A	G-19	MW-1052	D	H-19	PZ-11	A	H-15
0	A	K-19	MW-1025	B	G-19	MW-1053	A	G-20	PZ-12	B	H-15
1	A	K-19	MW-1026	A	I-7	MW-1054	A	H-18	PZ-13	C	H-15
9	A	H-13	MW-1027	B	I-7	MW-1055	B	H-18	PZ-14	A	H-15
00	IAB	H-17	MW-1028	B	I-7	MW-1056	C	H-18	PZ-15	A	H-14
01	B	F-8	MW-1029	A	D-10	MW-1057	D	H-18	PZ-16	B	H-14
02	A	G-9	MW-1030	B	D-9	MW-1058	A	P-15	PZ-17	C	H-14
03	IAB	F-8	MW-1031	B	D-10	MW-1059	B	P-15	PZ-18	A	J-15
04	A	F-8	MW-1032	B	C-13	MW-1060	C	P-15	PZ-19	QAB	J-15
05	A	F-7	MW-1033	A	D-15	MW-1061	A	N-17	PZ-20	B	J-15
06	B	F-7	MW-1034	IAB	D-15	MW-1062	B	N-17	PZ-21	QBC	J-15
07	IAB	F-7	MW-1035	B	D-15	MW-1063	C	N-17	PZ-22	B	H-14
08	A	F-7	MW-1036	A	A-13	MW-1064	A	F-6	PZ-23	C	H-14
09	A	H-6	MW-1037	A	O-19	MW-1065	B	Q-13	PZ-24	A	H-14
10	AB	F-6	MW-1038	B	N-19	MW-1066	B	Q-13	PZ-25	A	H-14
11	A	F-17	MW-1039	C	O-19	MW-1067	A	Q-14	PZ-26	B	H-14
12	A	N-2	MW-1040	C	P-4	MW-1068	B	Q-14	PZ-27	C	H-14

20

O P Q

	ZONE	GRID	WELL	ZONE	GRID
9	A	H-19	PZ-28	B	H-13
	A	H-17	PZ-29	C	H-13
	B	I-17	PZ-30	A	H-15
	A	H-14	PZ-31	B	H-15
	B	H-14	PZ-32	QBC	H-15
	A	H-15	PZ-33	C	H-15
	B	H-15	PZ-34	C	H-15
	C	H-15	PZ-35	QCD	H-15
	A	H-14	PZ-36	D	H-15
	C	H-14	PZ-37	B	N-12
	C	H-14	PZ-38	B	M-15
	A	H-15	PZ-1000	A	H-19
	B	H-15	PZ-1001	B	H-19
	C	H-15			
	A	H-15			
	A	H-14			
	B	H-14			
	C	H-14			
	A	J-15			
	QAB	J-15			
	B	J-15			
	QBC	J-15			
	B	H-14			
	C	H-14			
	A	H-14			
	A	H-14			
	B	H-14			
	C	H-14			

WELL	GRID	WELL	GRID
EW 248.	H13	PZ 40	H13
EW 249	H13	PZ 41	H13
EW 250	H13	PZ 42	H13
EW 251	H13	PZ 43	H13
EW 252	H13	PZ 50	H13
EW 253	H13	PZ 51	H13
EW 259	J16	PZ 52	H13
EW 261	J17	PZ 53	H13
EW 262	I16	PZ 54	H13
EW 263	I16	PZ 55	H13
EW 264	I16	PZ 72	J16
EW 266	J17	PZ 73	J16
EW 267	J17	PZ 74	J17
EW 268	J16	PZ 75	J17
EW 269	J17	PZ 77	J17
EW 273	J16	PZ 78	J17
EW 275	I16	PZ 79	J17
EW 276	I16	PZ 81	I16
EW 277	I16	PZ 82	I16
EW 278	I16	PZ 83	I16
EW 279	J16	PZ 84	I16
		PZ 85	I16
		PZ 86	I16
		PZ 90	J17
		PZ 91	J16

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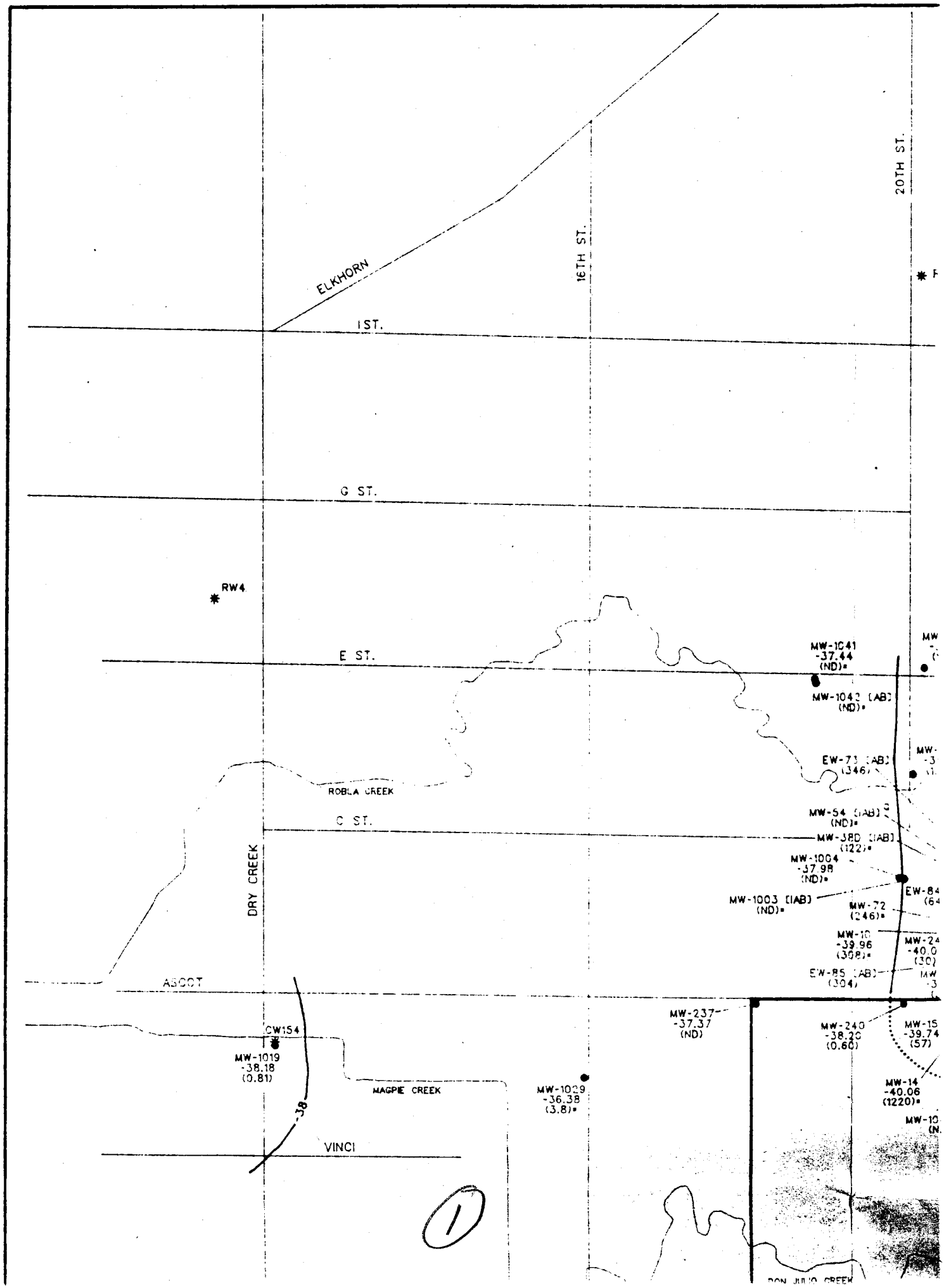
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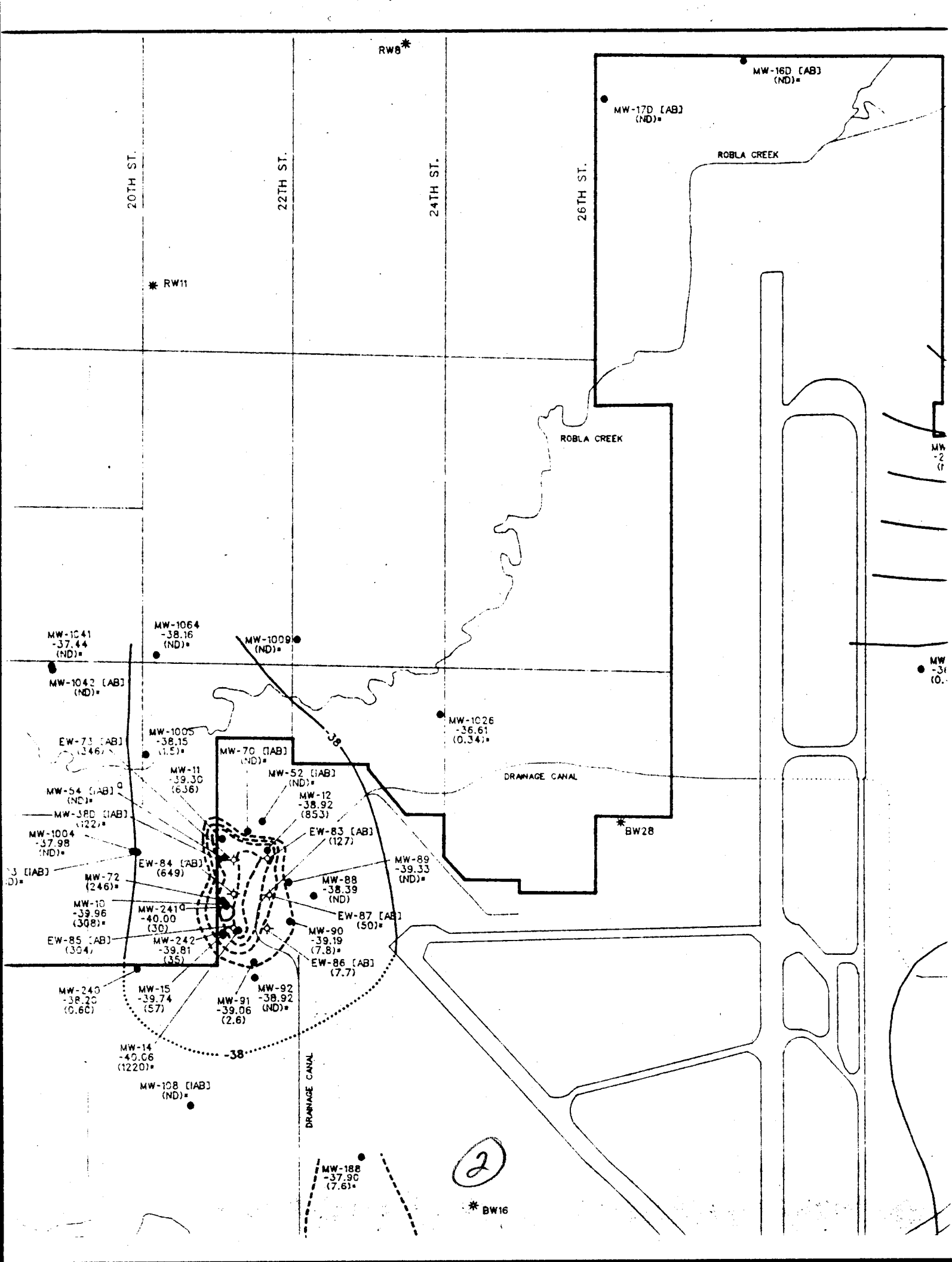
16TH ST.
20TH ST.
G ST.
RW4
E ST.
MW-1041
-37.44
(ND)*
MW-1042 (AB)
(ND)*
EW-73 (AB)
(346)
ROBLA CREEK
C ST.
MW-54 (AB)
(ND)*
MW-38D (AB)
(122)*
MW-1004
-37.98
(ND)*
DRY CREEK
MW-1003 (AB)
(ND)*
MW-72
(246)*
MW-10
-39.96
(308)*
MW-24
-40.0
(30)
EW-85 (AB)
(304)
ABOOT
MW-237
-37.37
(ND)
MW-240
-38.20
(0.60)
MW-15
-39.74
(57)
CW154
MW-1019
-38.18
(0.81)
MAGPIE CREEK
MW-1029
-36.38
(3.8)*
MW-14
-40.06
(1220)*
VINCI
DON JULIO CREEK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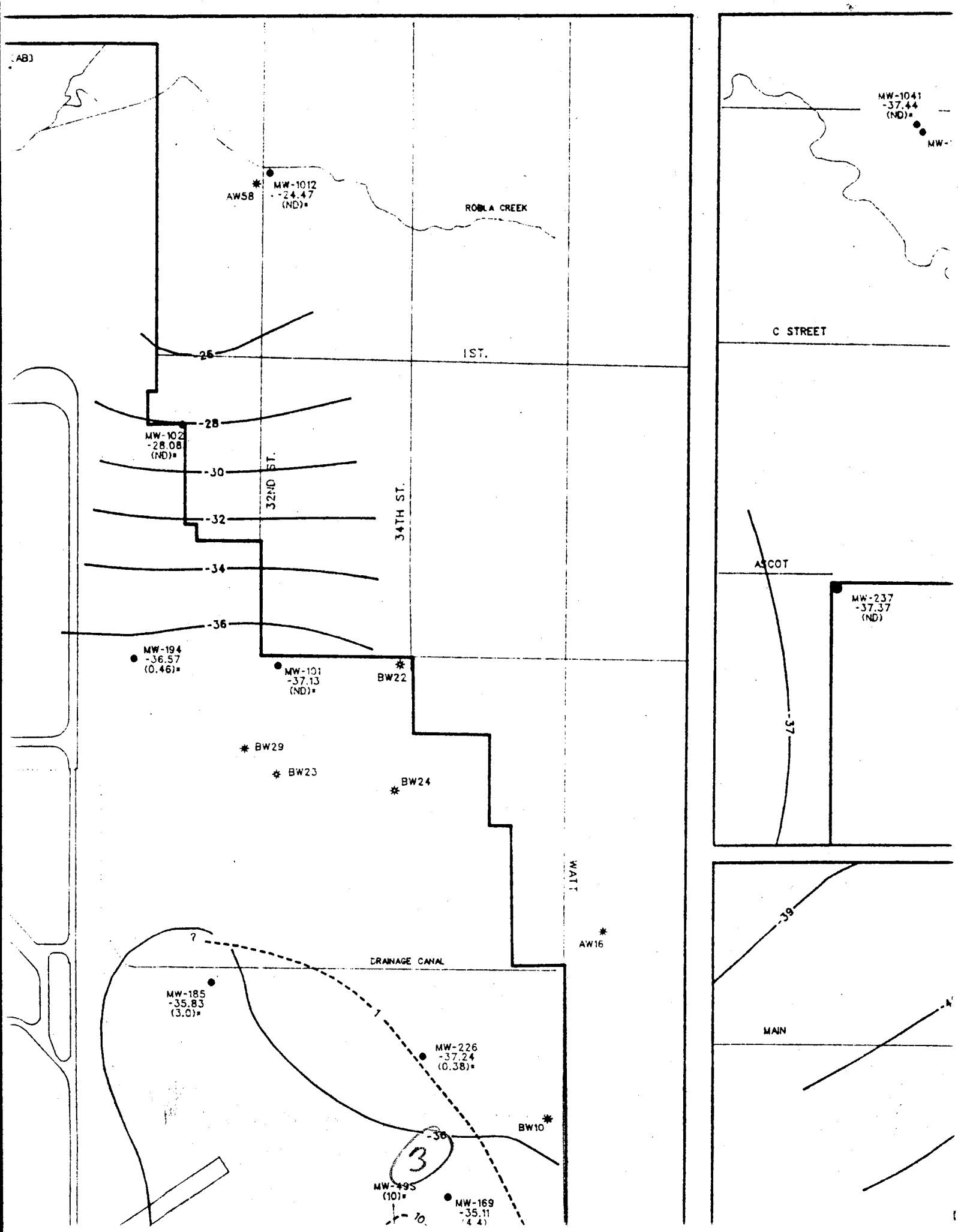
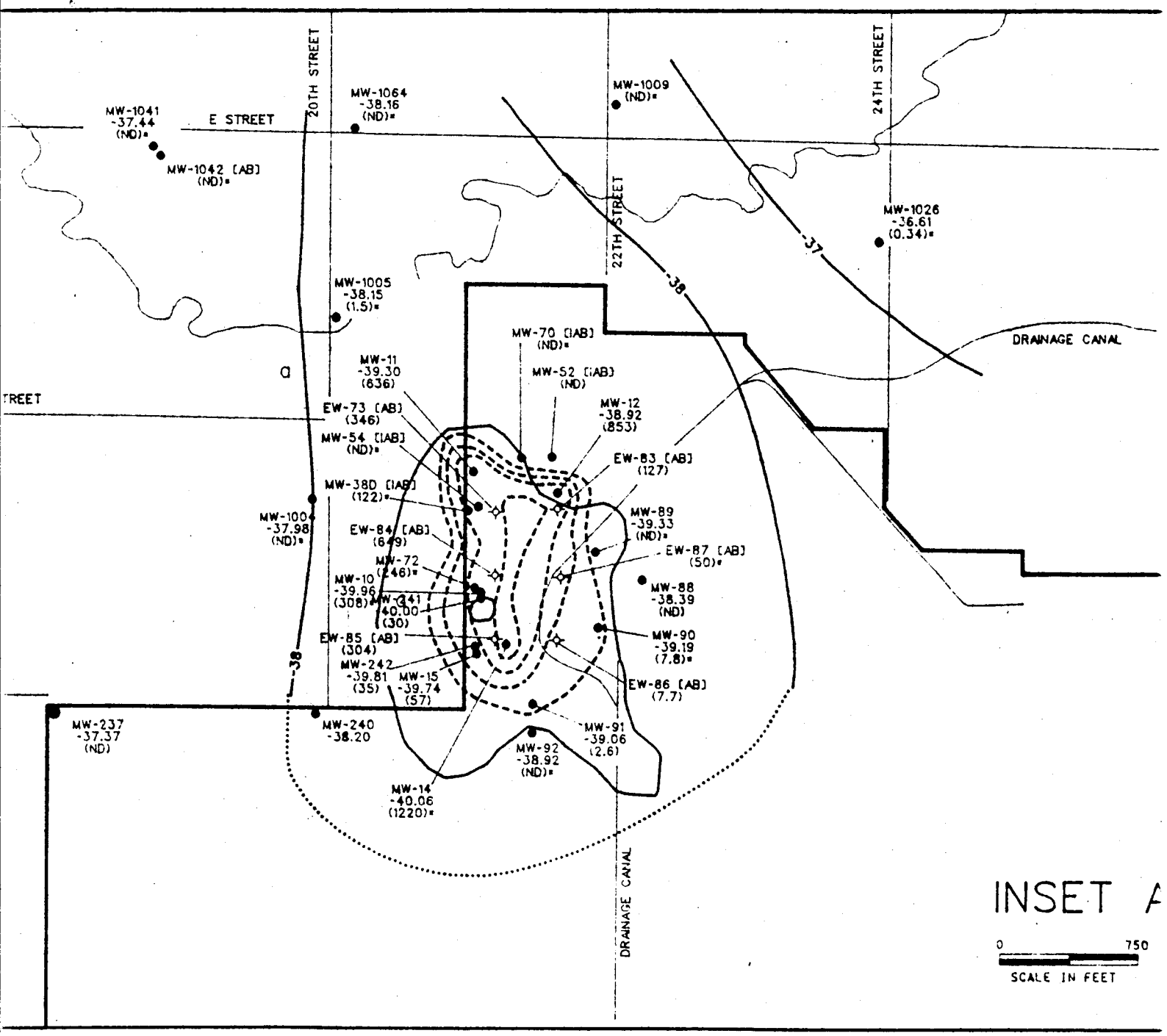
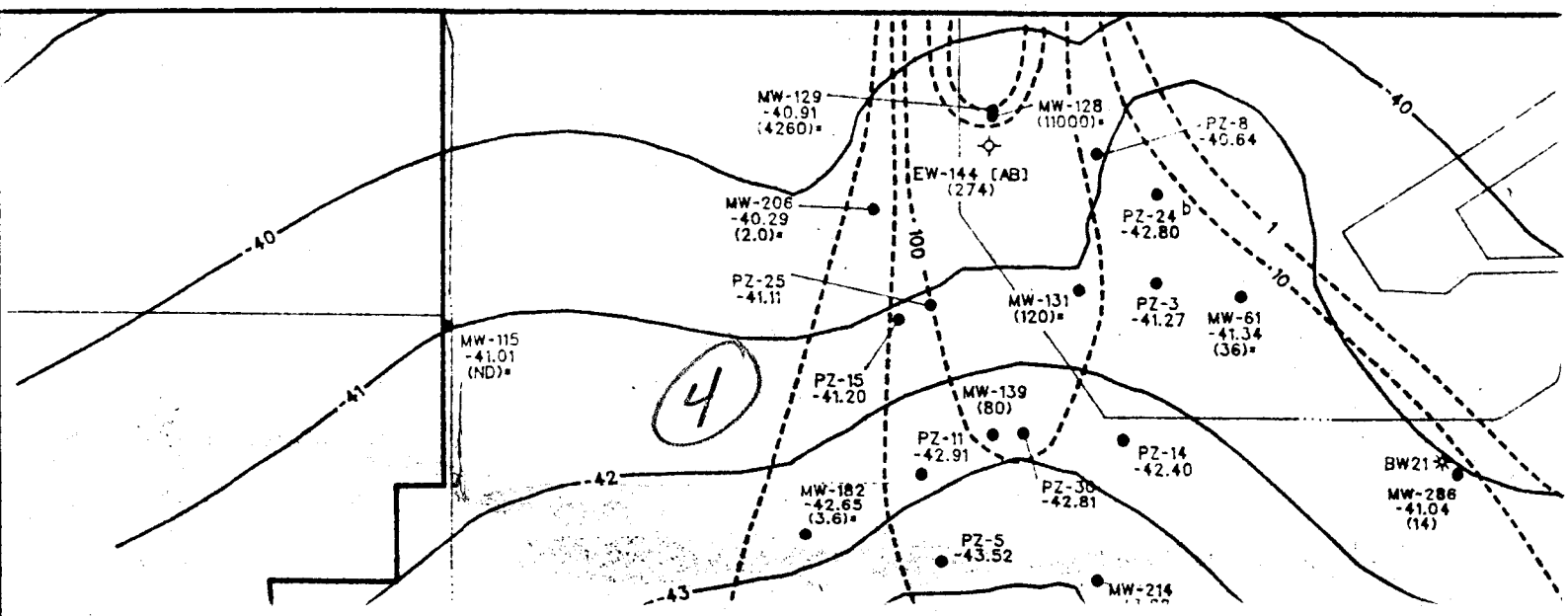
MW-16D [AB] (ND)*
MW-17D [AB] (ND)*
ROBLA CREEK
20TH ST.
22TH ST.
24TH ST.
26TH ST.
RW11
ROBLA CREEK
MW-1041 -37.44 (ND)*
MW-1064 -38.16 (ND)*
MW-1009 (ND)*
MW-1042 [AB] (ND)*
MW-1026 -36.61 (0.34)*
EW-73 [AB] (246)
MW-1005 -38.15 (1.5)*
MW-70 [AB] (ND)*
MW-11 -39.30 (636)
MW-52 [AB] (ND)*
DRAINAGE CANAL
MW-54 [AB] (ND)*
MW-12 -38.92 (853)
MW-38D [AB] (122)*
MW-1004 -37.98 (ND)*
EW-83 [AB] (127)
BW28
EW-84 [AB] (649)
MW-89 -39.33 (ND)*
MW-72 (246)*
MW-88 -38.39 (ND)
MW-10 -39.96 (308)*
MW-241 -40.00 (30)
EW-87 [AB] (50)*
EW-85 [AB] (304)
MW-242 -39.81 (35)
MW-90 -39.19 (7.8)*
EW-86 [AB] (7.7)
MW-240 -38.20 (0.60)
MW-15 -39.74 (57)
MW-91 -39.06 (2.6)
MW-92 -38.92 (ND)*
-38
MW-14 -40.06 (1220)*
MW-108 [AB] (ND)*
DRAINAGE CANAL
MW-188 -37.90 (7.6)*
BW16
2


ABJ
AWS8
MW-1012
-24.47
(ND)*
ROBLA CREEK
MW-1041
-37.44
(ND)*
MW-
C STREET
1ST.
-26
-28
MW-102
-28.08
(ND)*
-30
32ND ST.
34TH ST.
-32
-34
-36
ASCOT
MW-237
-37.37
(ND)
-37
MW-194
-36.57
(0.46)*
MW-101
-37.13
(ND)*
BW22
BW29
BW23
BW24
WATT
AW16
-39
?
DRAINAGE CANAL
MW-185
-35.83
(3.0)*
MW-226
-37.24
(0.38)*
MAIN
BW10
-38
3
MW-49S
(10)*
MW-169
-35.11
(4.4)
10


E STREET
20TH STREET
22TH STREET
24TH STREET
DRAINAGE CANAL
DRAINAGE CANAL
MW-1041
-37.44
(ND)▪
MW-1042 [AB]
(ND)▪
MW-1064
-38.16
(ND)▪
MW-1009
(ND)▪
MW-1026
-36.61
(0.34)▪
MW-1005
-38.15
(1.5)▪
MW-70 [AB]
(ND)▪
MW-11
-39.30
(636)
MW-52 [AB]
(ND)
MW-12
-38.92
(853)
EW-73 [AB]
(346)
MW-54 [AB]
(ND)▪
EW-83 [AB]
(127)
MW-38D [AB]
(122)▪
MW-1004
-37.98
(ND)▪
MW-89
-39.33
(ND)▪
EW-84 [AB]
(649)
EW-87 [AB]
(50)▪
MW-72
(246)▪
MW-10
-39.96
(308)
MW-241
-40.00
(30)
MW-88
-38.39
(ND)
EW-85 [AB]
(304)
MW-90
-39.19
(7.8)▪
MW-242
-39.81
(35)
MW-15
-39.74
(57)
EW-86 [AB]
(7.7)
MW-237
-37.37
(ND)
MW-240
-38.20
MW-91
-39.06
(2.6)
MW-92
-38.92
(ND)▪
MW-14
-40.06
(1220)▪
-37
-38
-38
INSET A
0
750
SCALE IN FEET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(4260)▪
MW-128
(11000)▪
PZ-8
-40.64
EW-144 [AB]
(274)
MW-206
-40.29
(2.0)▪
PZ-24
-42.80
PZ-25
-41.11
MW-131
(120)▪
PZ-3
-41.27
MW-61
-41.34
(36)▪
MW-115
-41.01
(ND)▪
PZ-15
-41.20
MW-139
(80)
PZ-11
-42.91
PZ-14
-42.40
BW21
MW-182
-42.65
(3.6)▪
PZ-36
-42.81
MW-286
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(14)
PZ-5
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MW-214
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-41
-42
-43
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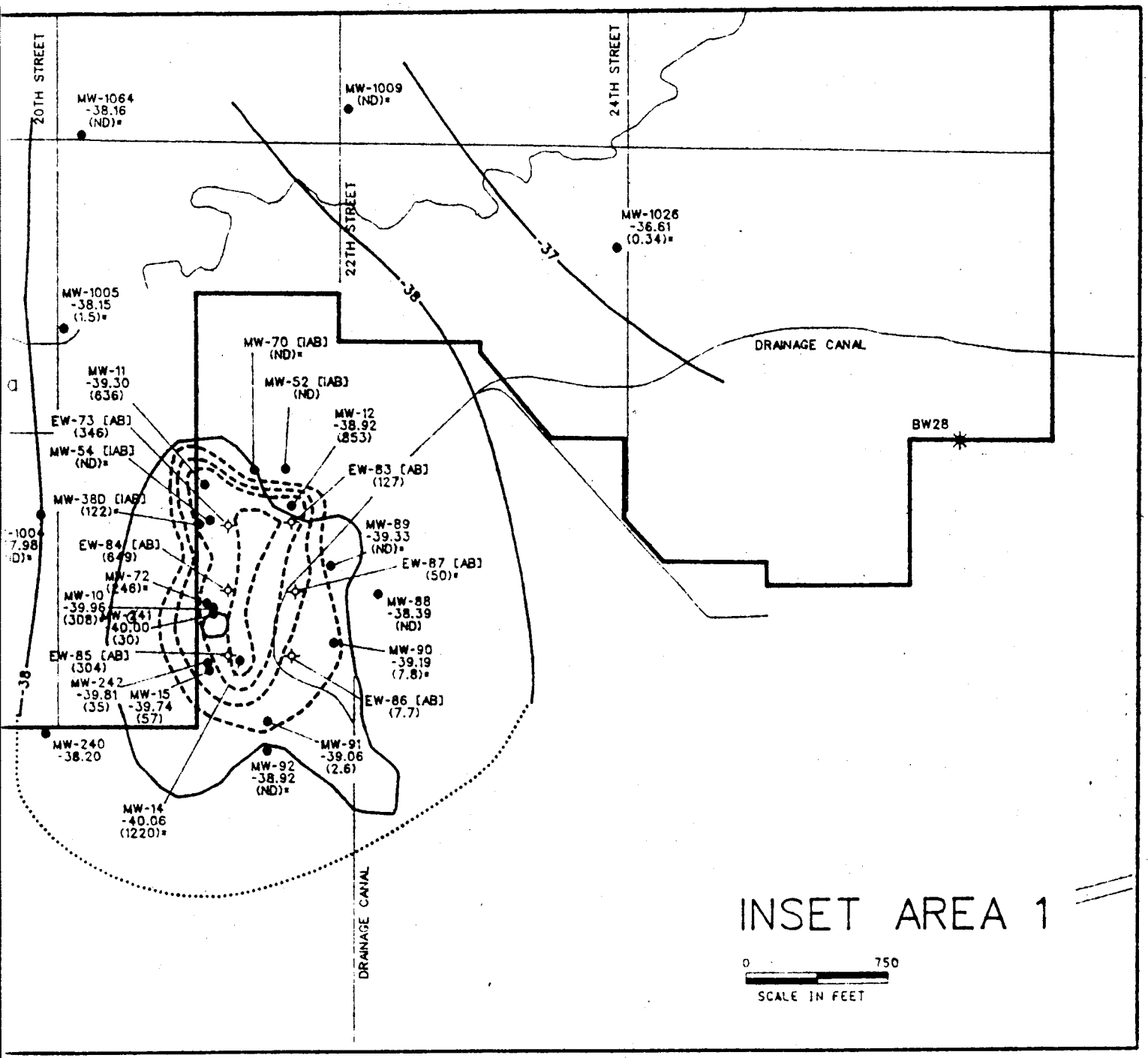
10


20TH STREET
22TH STREET
24TH STREET
DRAINAGE CANAL
DRAINAGE CANAL
MW-1064
-38.16
(ND)*
MW-1009
(ND)*
MW-1026
-36.61
(0.34)*
MW-1005
-38.15
(1.5)*
MW-70 [AB]
(ND)*
MW-52 [AB]
(ND)
MW-11
-39.30
(636)
MW-12
-38.92
(853)
EW-73 [AB]
(346)
MW-54 [AB]
(ND)*
EW-83 [AB]
(127)
BW28
MW-38D [AB]
(122)*
MW-89
-39.33
(ND)*
EW-84 [AB]
(649)
EW-87 [AB]
(50)*
MW-72
(246)*
MW-88
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(ND)
MW-10
-39.96
(308)*
MW-241
-40.00
(30)
MW-90
-39.19
(7.8)*
EW-85 [AB]
(304)
MW-242
-39.81
(35)
MW-15
-39.74
(57)
EW-86 [AB]
(7.7)
MW-240
-38.20
MW-91
-39.06
(2.6)
MW-92
-38.92
(ND)*
MW-14
-40.06
(1220)*
-37
-38
-38
INSET AREA 1
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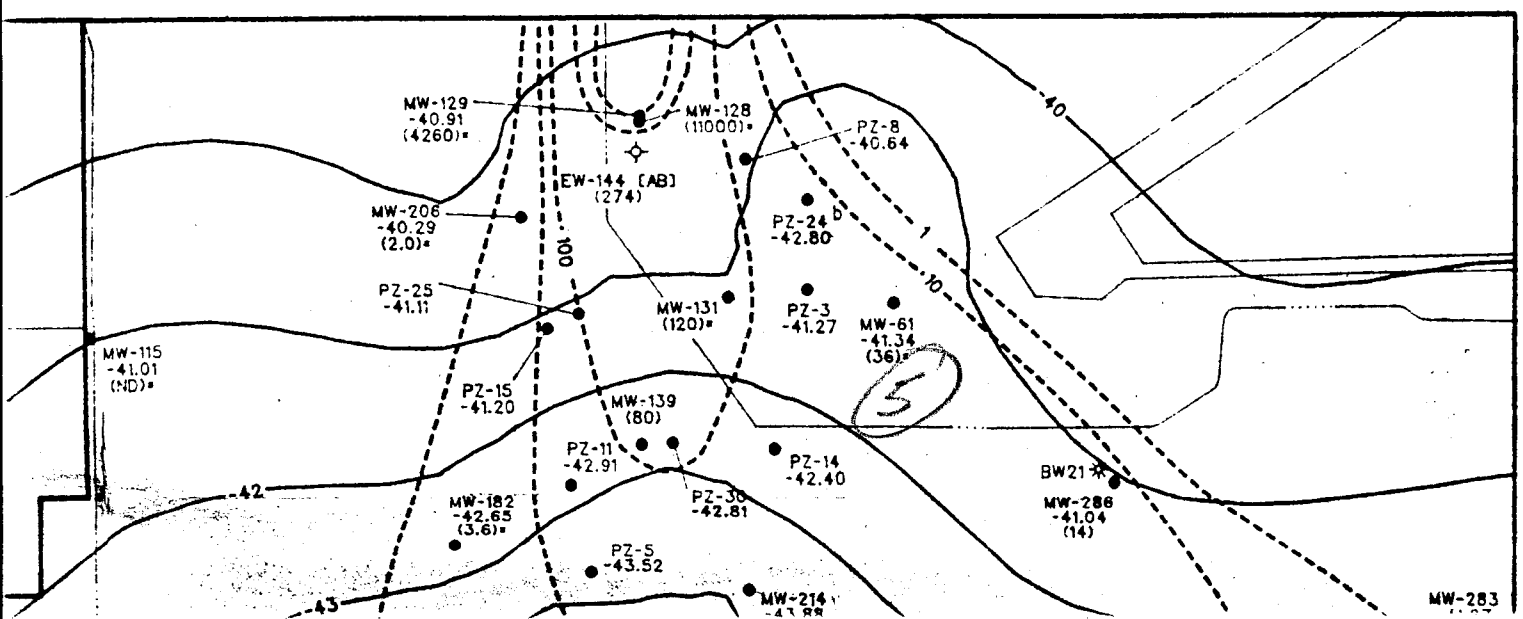
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(4260)*
MW-128
(11000)*
PZ-8
-40.64
EW-144 [AB]
(274)
MW-206
-40.29
(2.0)*
PZ-24
-42.80
100
PZ-25
-41.11
MW-131
(120)*
PZ-3
-41.27
MW-61
-41.34
(36)*
MW-115
-41.01
(ND)*
PZ-15
-41.20
MW-139
(80)
PZ-11
-42.91
PZ-14
-42.40
BW21
MW-182
-42.65
(3.6)*
PZ-30
-42.81
MW-286
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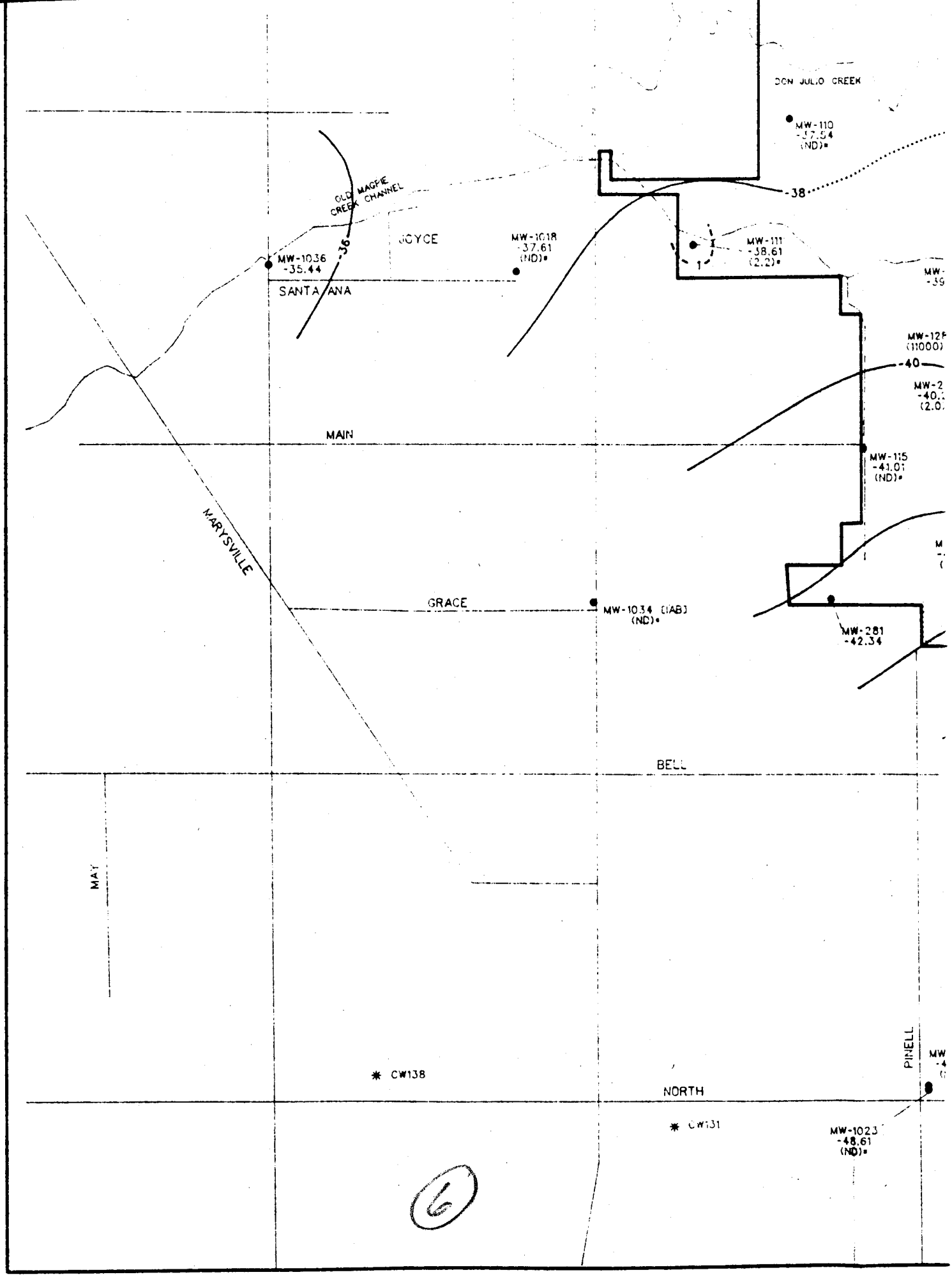
(14)
PZ-5
-43.52
MW-214
MW-283
40
1
10
42
43


DON JULIO CREEK
MW-110
-37.54
(ND)*
-38
OLD MAGPIE CREEK CHANNEL
-36
JOYCE
MW-1038
-37.61
(ND)*
MW-1036
-35.44
SANTA ANA
MW-111
-38.61
(2.2)*
MW-
-39
MW-12
(11000)
-40
MW-2
-40.
(2.0
MAIN
MW-115
-41.0
(ND)*
MARYSVILLE
GRACE
MW-1034 (IAB)
(ND)*
MW-281
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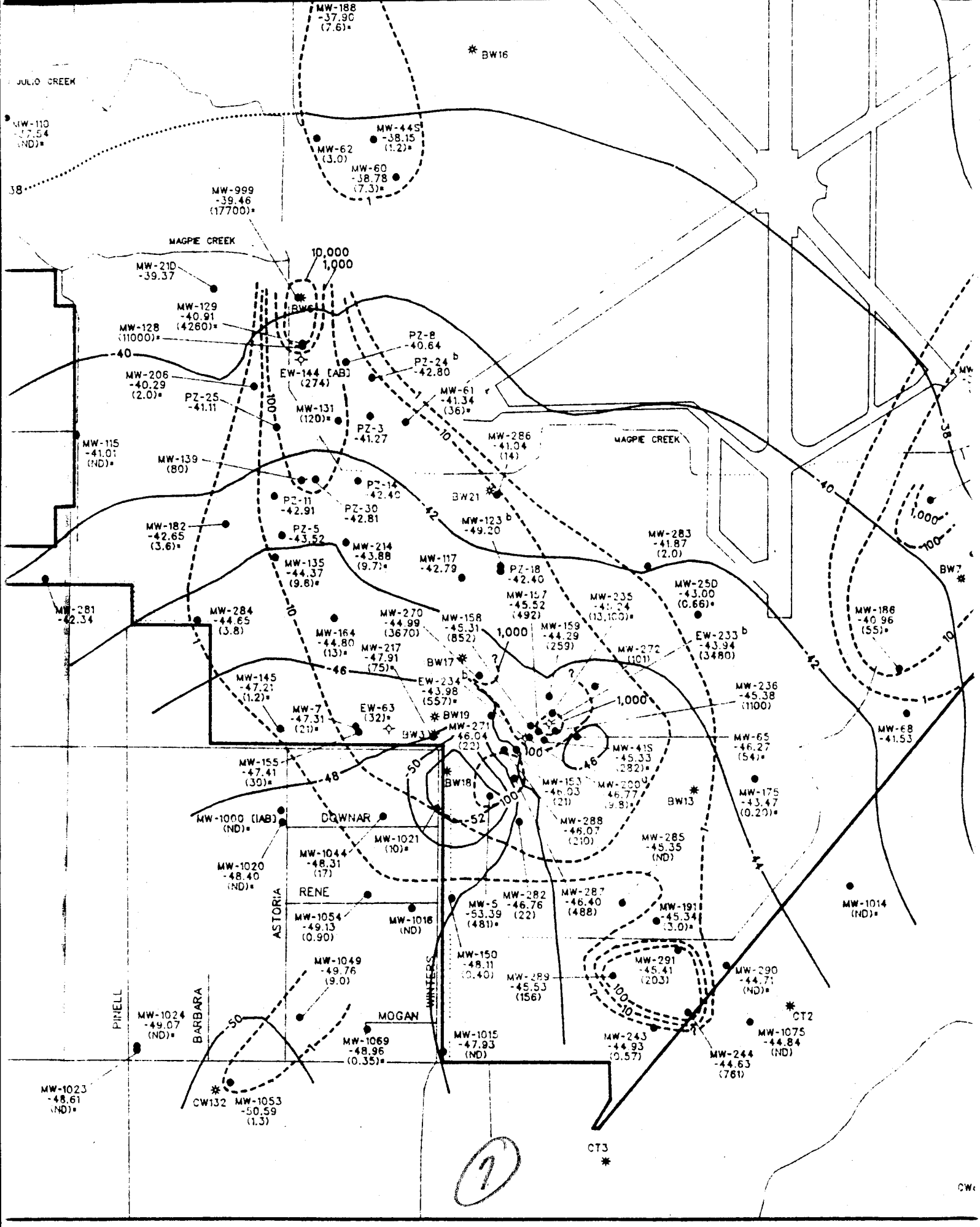
BELL
MAY
PINELL
MW
-4
CW138
NORTH
CW131
MW-1023
-48.61
(ND)*
6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MW-62
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MW-60
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MW-999
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MAGPIE CREEK
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(11000)
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PZ-24
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EW-144 [AB]
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(2.0)
PZ-25
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MW-131
(120)
PZ-3
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MW-61
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(36)
MW-115
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(ND)
MW-139
(80)
MW-286
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(14)
MAGPIE CREEK
PZ-14
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PZ-11
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PZ-30
-42.81
BW21
MW-123
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MW-182
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PZ-5
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MW-214
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MW-135
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MW-117
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MW-281
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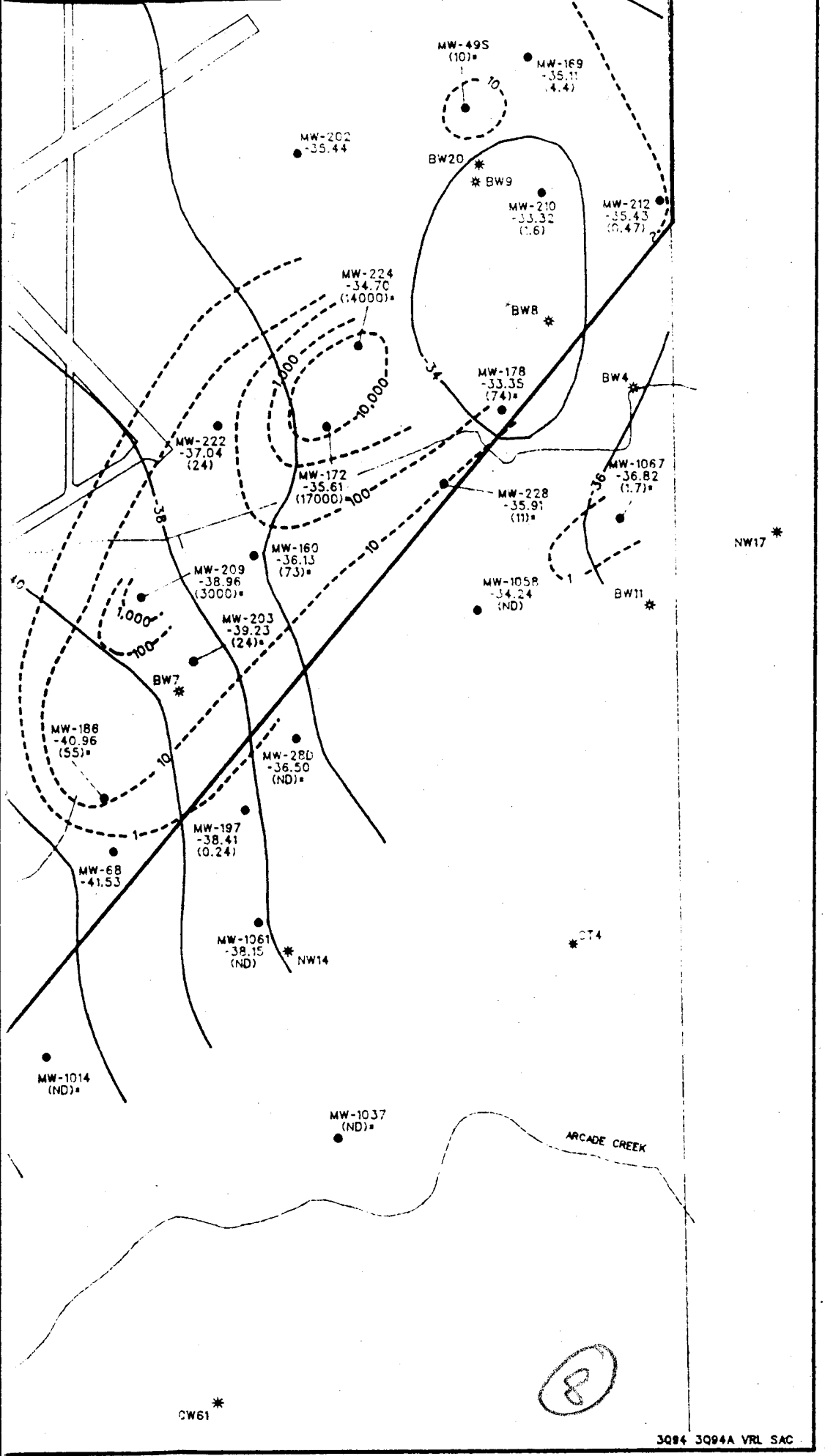
MW-236
-45.38
(1100)
MW-7
-47.31
(21)
EW-63
(32)
BW19
MW-271
46.04
(22)
MW-68
-41.53
MW-155
-47.41
(30)
MW-41S
-45.33
(282)
MW-65
-46.27
(54)
BW18
MW-153
-46.03
(21)
MW-200
46.77
(9.8)
BW13
MW-175
-43.47
(0.20)
MW-1000 [IAB]
(ND)
DOWNAR
MW-1021
(10)
MW-288
-46.07
(210)
MW-285
-45.35
(ND)
MW-1044
-48.31
(17)
MW-1020
-48.40
(ND)
RENE
ASTORIA
MW-1054
-49.13
(0.90)
MW-1016
(ND)
MW-5
-53.39
(481)
MW-282
-46.76
(22)
MW-287
-46.40
(488)
MW-191
-45.34
(3.0)
MW-1014
(ND)
MW-150
-48.11
(0.40)
MW-289
-45.53
(156)
MW-291
-45.41
(203)
MW-290
-44.71
(ND)
MW-1049
-49.76
(9.0)
WINTERS
PINELL
BARBARA
MW-1024
-49.07
(ND)
MOGAN
MW-1069
-48.96
(0.35)
MW-1015
-47.93
(ND)
MW-243
-44.93
(0.57)
CT2
MW-1075
-44.84
(ND)
MW-244
-44.63
(761)
MW-1023
-48.61
(ND)
CW132
MW-1053
-50.59
(1.3)
CT3
CW
?



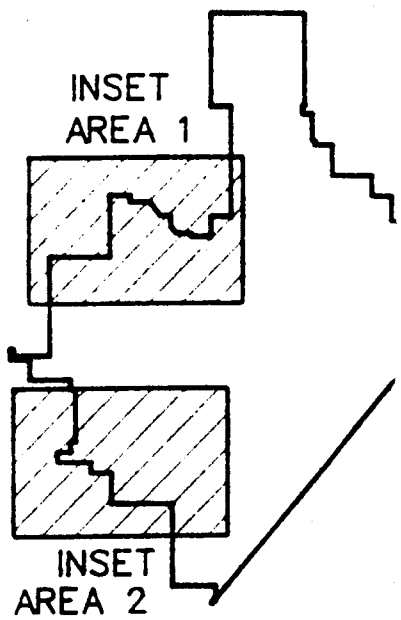
BELL

INSET AREA

0 750

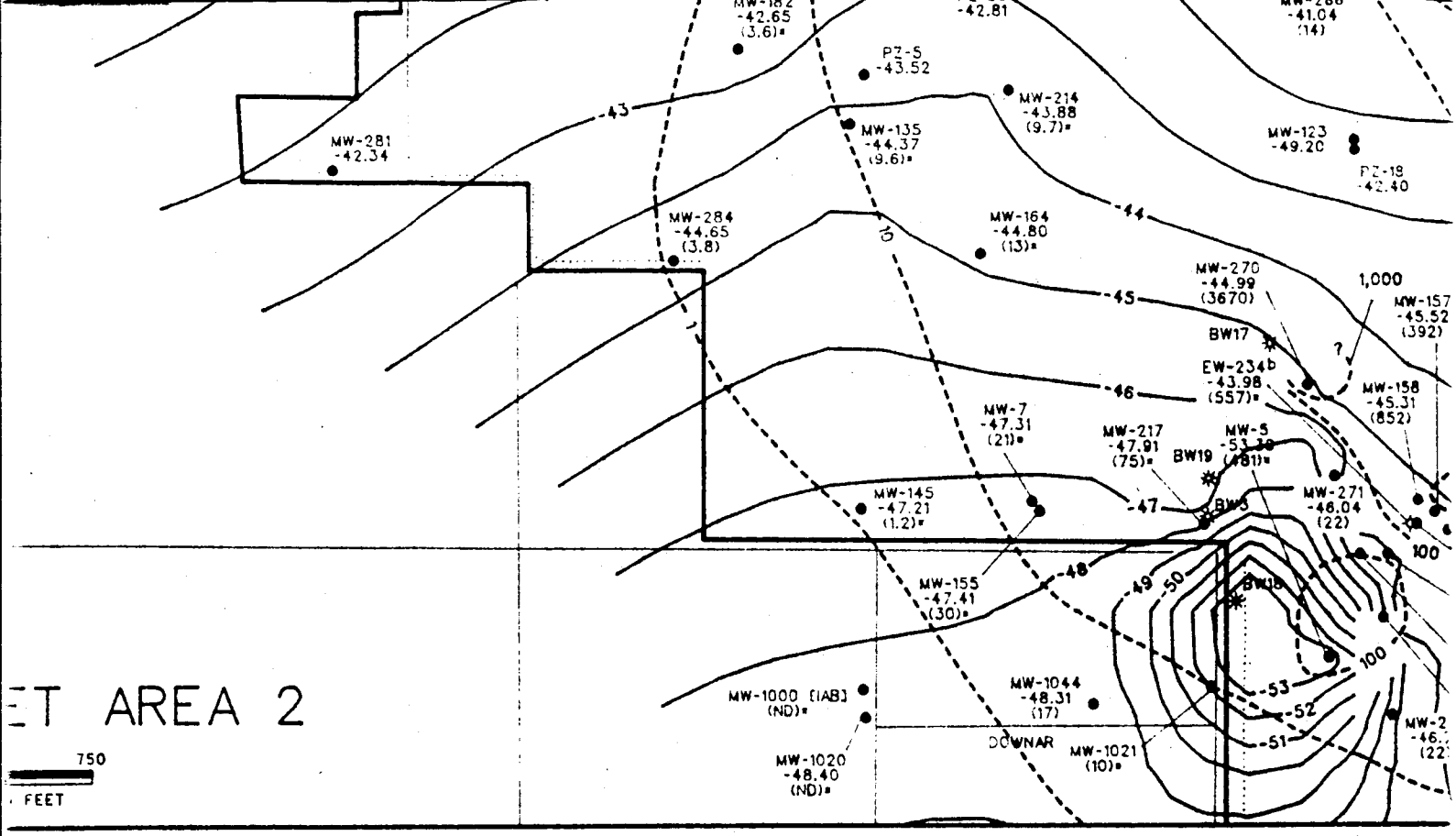
SCALE IN FEET

N



LOCATION OF INSETS

3Q94 3Q94A VRL SAC



ET
A 1
T
2

ON OF INSETS

LEGEND:

———	McCLELLAN AFB BOUNDARY
—·—·—	STREAMS/DRAINAGE (DOTTED WHERE COVERED)
✧	EXTRACTION WELLS
●	MONITORING WELLS AND PIEZOMETERS
✲	WATER SUPPLY WELLS (INACTIVE)
✲	WATER SUPPLY WELLS (ACTIVE)
—42— ·····	WATER LEVEL CONTOURS IN FEET MSL. DOTTED WHERE UNCERTAIN
(5.8)	TCE CONCENTRATIONS IN ug/L. SAMPLES COLLECTED DURING 3Q94.
(1.2)•	TCE CONCENTRATIONS IN ug/L. SAMPLES COLLECTED PRIOR TO 3Q94, BUT USED TO DRAW TCE ISOPLETH.
(ND)	TCE NOT DETECTED.
(AB)	WELL SCREENED IN BOTH ZONES DESIGNATED
(IAB)	INTERMEDIATE WELL SCREENED BETWEEN THE B A AND B ZONES. TCE CONCENTRATIONS USED TO DRAW A ZONE TCE ISOPLETH ONLY.
------	ESTIMATED ISOPLETH OF TCE CONCENTRATIONS USING DATA FROM JULY, 1991 THROUGH SEPTEMBER, 1994. ISOPLETH INTERVAL: 10X ug/L.
a	TCE VALUE NOT USED TO DRAW TCE ISOPLETH. MW-200'S SCREEN IS 10.5 FEET BELOW SCREENS IN WELLS NEARBY. TCE VALUE NOT COMPARABLE.
b	WATER LEVEL NOT USED TO DRAW CONTOUR

N

NOTE:
WATER LEVEL CONTOURS GENERATED BY CPS-3 ® AND CORRECTED BY HAND. ONLY WELLS WITH WATER LEVEL VALUES SHOWN WERE USED FOR CONTOURING. GROUNDWATER DEPRESSIONS MAY NOT BE CENTERED ON PUMPING WELLS BECAUSE THEIR WATER LEVELS ARE NOT MEASURED. SOME WATER LEVEL CONTOURS AROUND EW-233 WERE REMOVED FOR CLARITY. TCE VALUES WERE ROUNDED FOR EASE IN READING MAPS.

0 1000
SCALE IN FEET

PLATE 2.

WATER LEVEL CONTOU
ESTIMATED TRICHLORO
CONCENTRATION ISOPLI
A-ZONE MONITOF
AND EXTRACTION

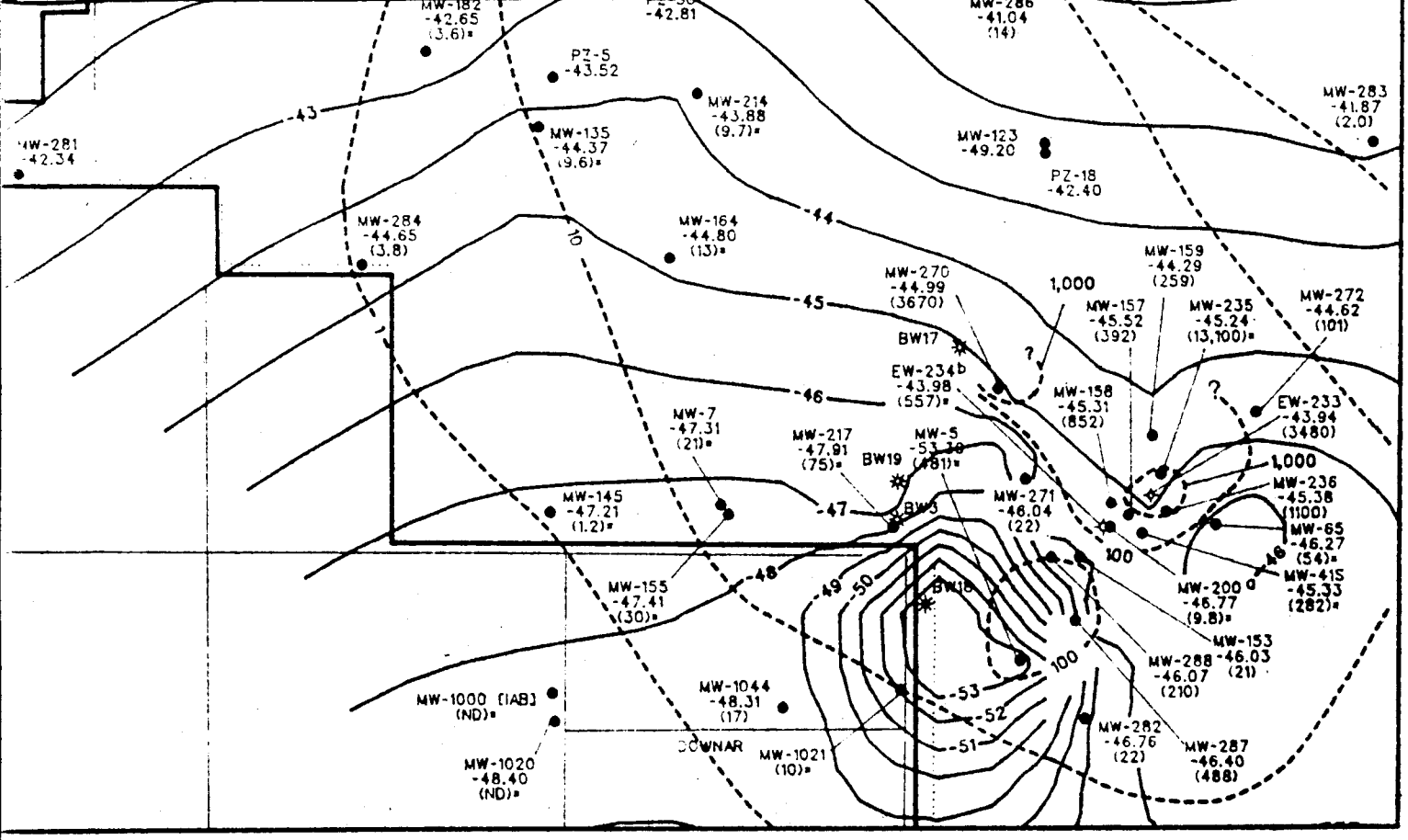
Water Level Data Co
June 27-30, 199
TCE Data Collected Third

McCLELLAN AFB
Groundwater Sampl
& Analysis Progrc

July-September 19

LATEST REVISION: VRL
GENERATED BY: VR Trimity
PEER REVIEW: Thomas Lutz
PROJECT REVIEW: Mike Thom

RADI
CORPORA



LEGEND:

N

———	McCLELLAN AFB BOUNDARY
—·—·—	STREAMS/DRAINAGE (DOTTED WHERE COVERED)
✧	EXTRACTION WELLS
●	MONITORING WELLS AND PIEZOMETERS
✲	WATER SUPPLY WELLS (INACTIVE)
✲	WATER SUPPLY WELLS (ACTIVE)
—42— ·····	WATER LEVEL CONTOURS IN FEET MSL. DOTTED WHERE UNCERTAIN
(5.8)	TCE CONCENTRATIONS IN ug/L. SAMPLES COLLECTED DURING 3Q94.
(1.2)a	TCE CONCENTRATIONS IN ug/L. SAMPLES COLLECTED PRIOR TO 3Q94, BUT USED TO DRAW TCE ISOPLETH.
(ND)	TCE NOT DETECTED.
(AB)	WELL SCREENED IN BOTH ZONES DESIGNATED
(IAB)	INTERMEDIATE WELL SCREENED BETWEEN THE B A AND B ZONES. TCE CONCENTRATIONS USED TO DRAW A ZONE TCE ISOPLETH ONLY.
- - - - - -	ESTIMATED ISOPLETH OF TCE CONCENTRATIONS USING DATA FROM JULY, 1991 THROUGH SEPTEMBER, 1994. ISOPLETH INTERVAL: 10X ug/L.
q	TCE VALUE NOT USED TO DRAW TCE ISOPLETH. MW-200'S SCREEN IS 10.5 FEET BELOW SCREENS IN WELLS NEARBY. TCE VALUE NOT COMPARABLE.
b	WATER LEVEL NOT USED TO DRAW CONTOUR

TE:

WATER LEVEL CONTOURS GENERATED BY CPS-3® AND CORRECTED BY HAND. ONLY WELLS WITH WATER LEVEL VALUES SHOWN WERE USED FOR CONTOURING. GROUNDWATER DEPRESSIONS MAY NOT BE CENTERED ON PUMPING WELLS BECAUSE THEIR WATER LEVELS ARE NOT MEASURED. SOME WATER LEVEL CONTOURS AROUND EW-233 WERE REMOVED FOR CLARITY. TCE VALUES WERE ROUNDED FOR EASE IN READING MAPS.

0 1000

SCALE IN FEET

10

PLATE 2.

WATER LEVEL CONTOURS AND ESTIMATED TRICHLOROETHENE CONCENTRATION ISOPLETHS FOR A-ZONE MONITORING AND EXTRACTION WELLS

Water Level Data Collected June 27-30, 1994

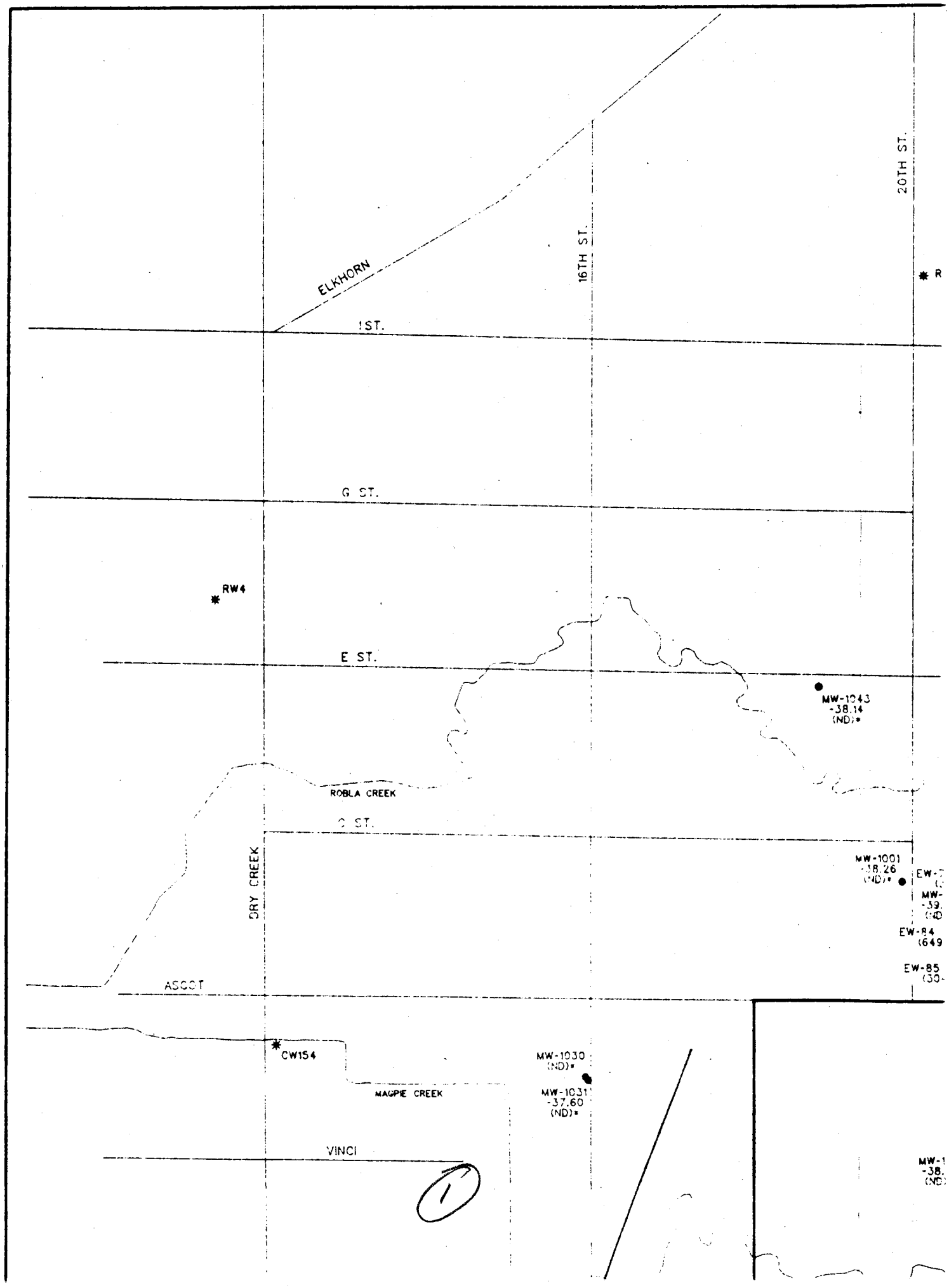
TCE Data Collected Third Quarter 1994

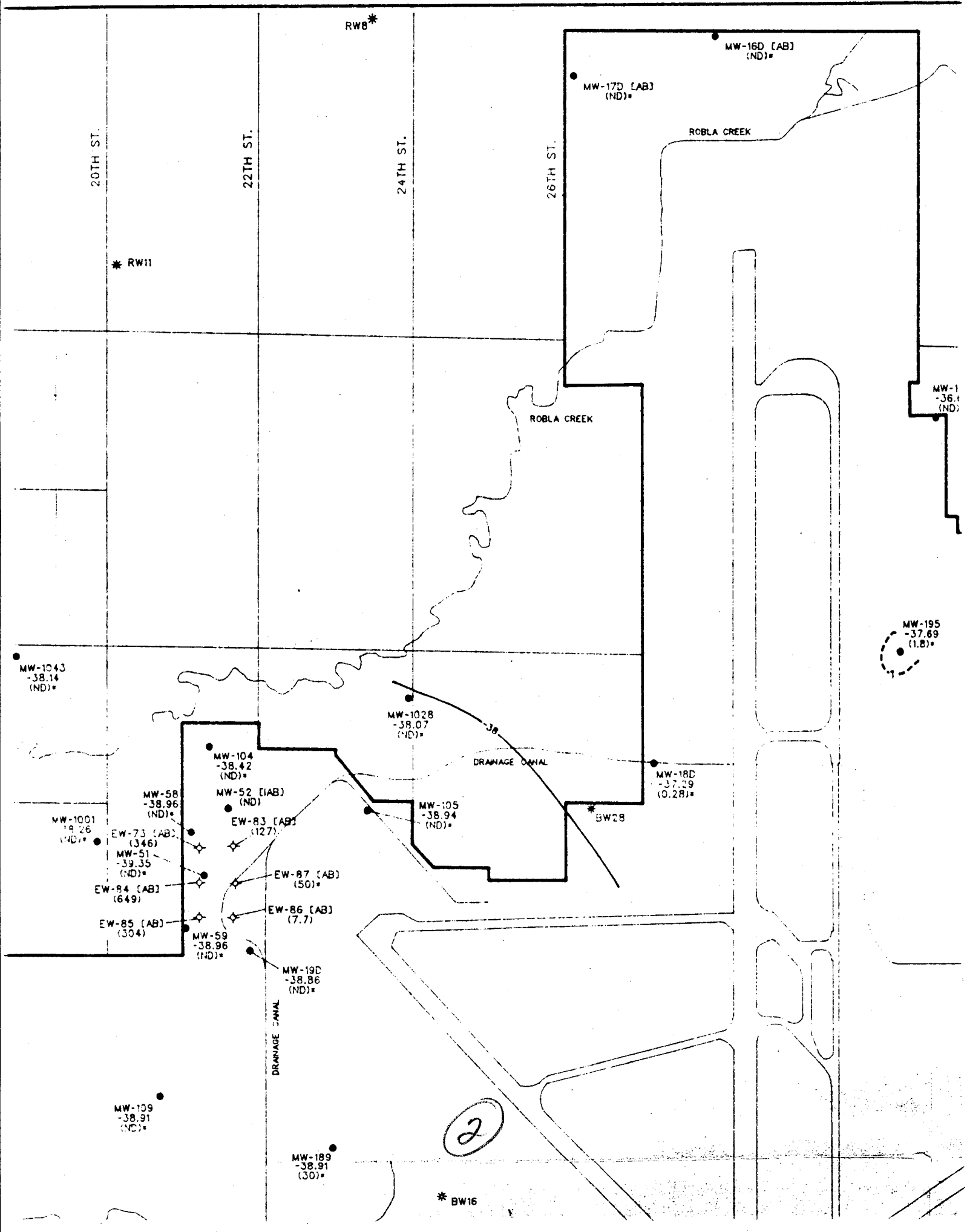
McCLELLAN AFB
Groundwater Sampling & Analysis Program

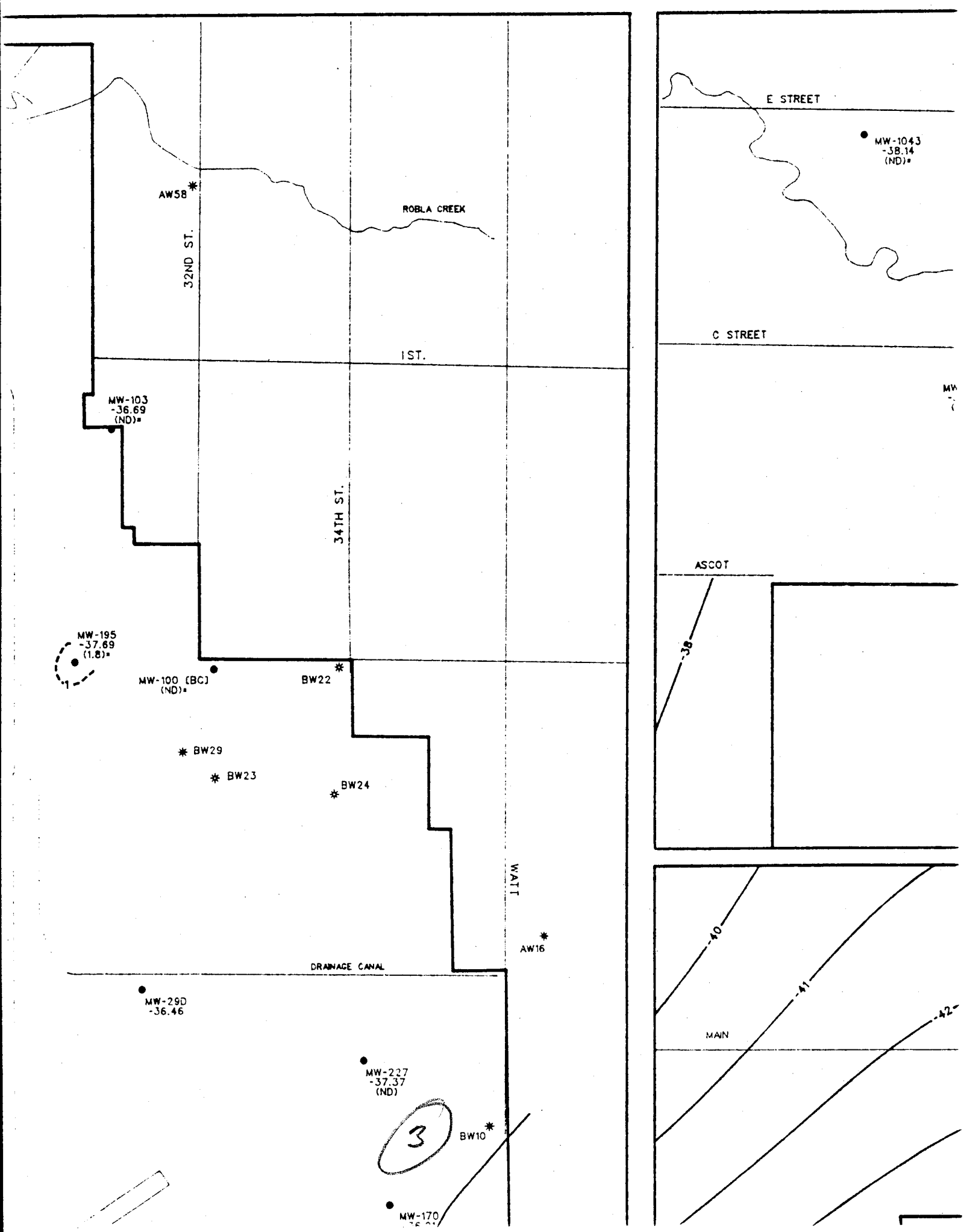
July-September 1994

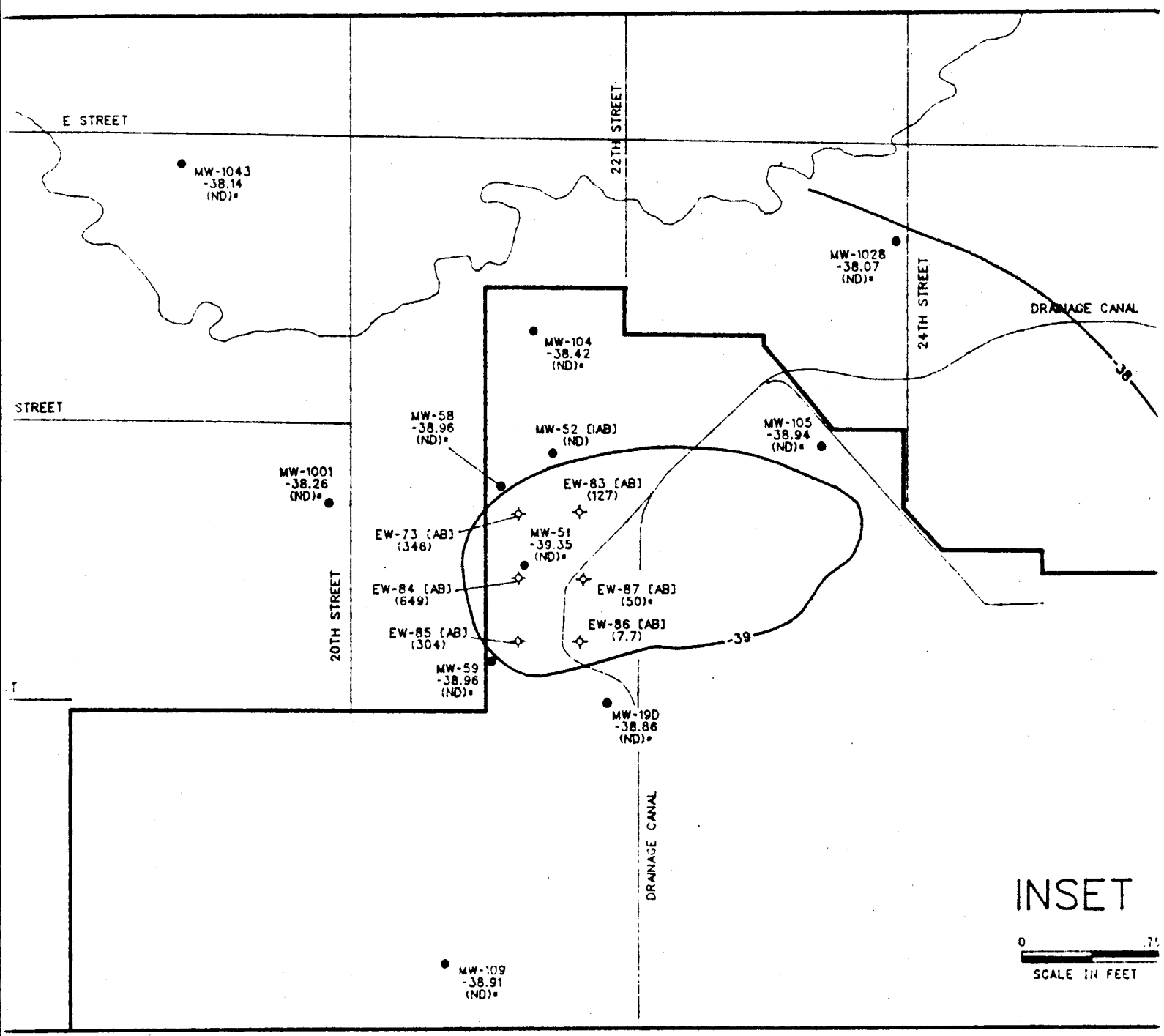
LATEST REVISION: VRL	DATE: 12-08-93
GENERATED BY: VR Fennell	DATE: 10/13/94
PEER REVIEW: Thomas Lutzke	DATE: 10/13/94
PROJECT REVIEW: Mike Short	DATE: 10/13/94

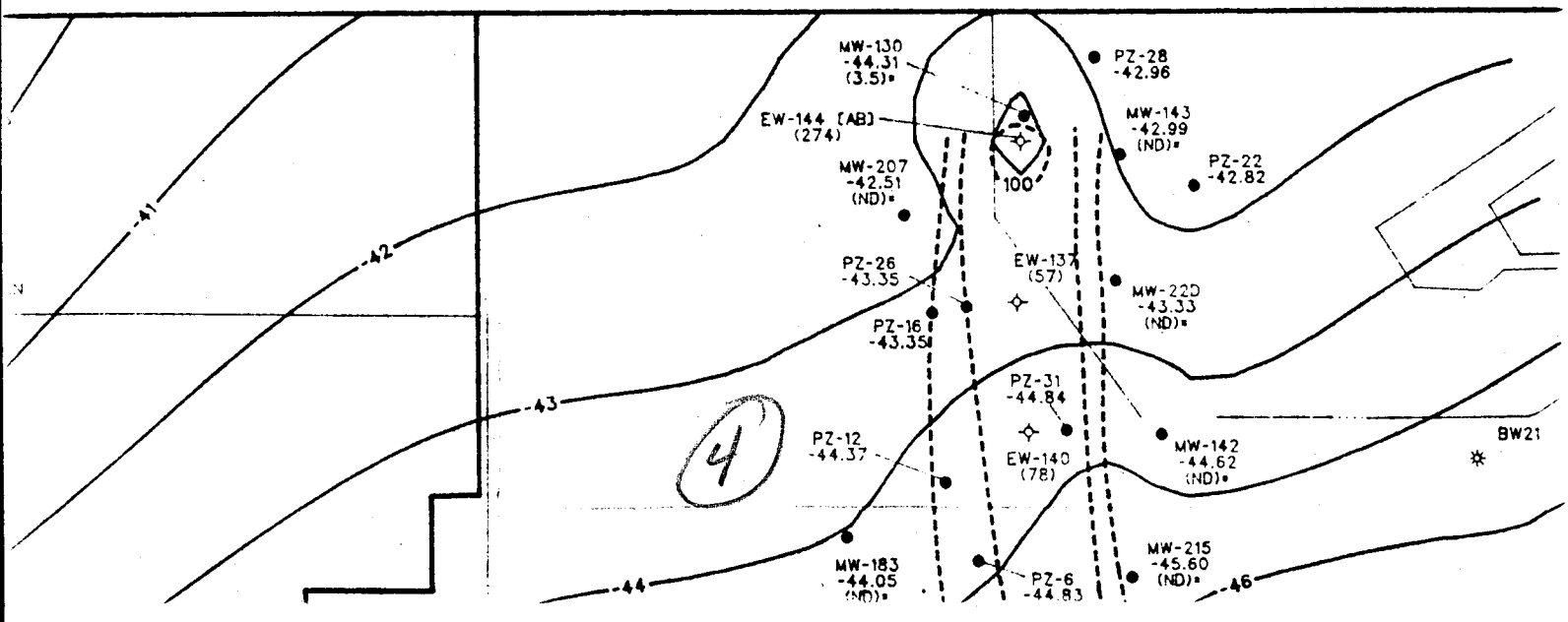
RADIAN CORPORATION

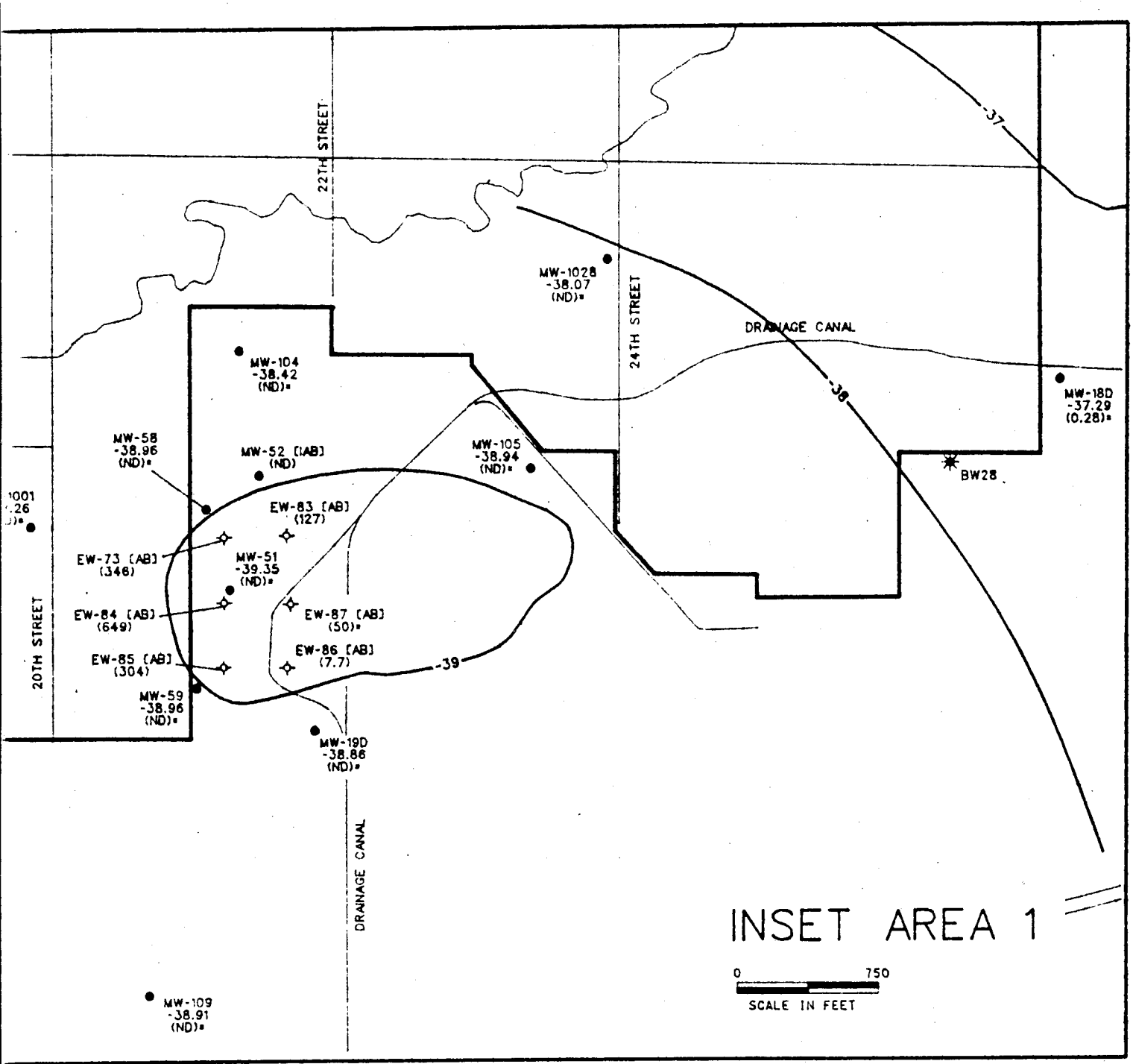

ELKHORN
1ST.
16TH ST.
20TH ST.
R
G ST.
RW4
E ST.
MW-1043
-38.14
(ND)*
ROBLA CREEK
DRY CREEK
MW-1001
-38.26
(ND)*
EW-84
(649
EW-85
(30-
ASCOT
CW154
MAGPIE CREEK
MW-1030
(ND)*
MW-1031
-37.60
(ND)*
VINCI

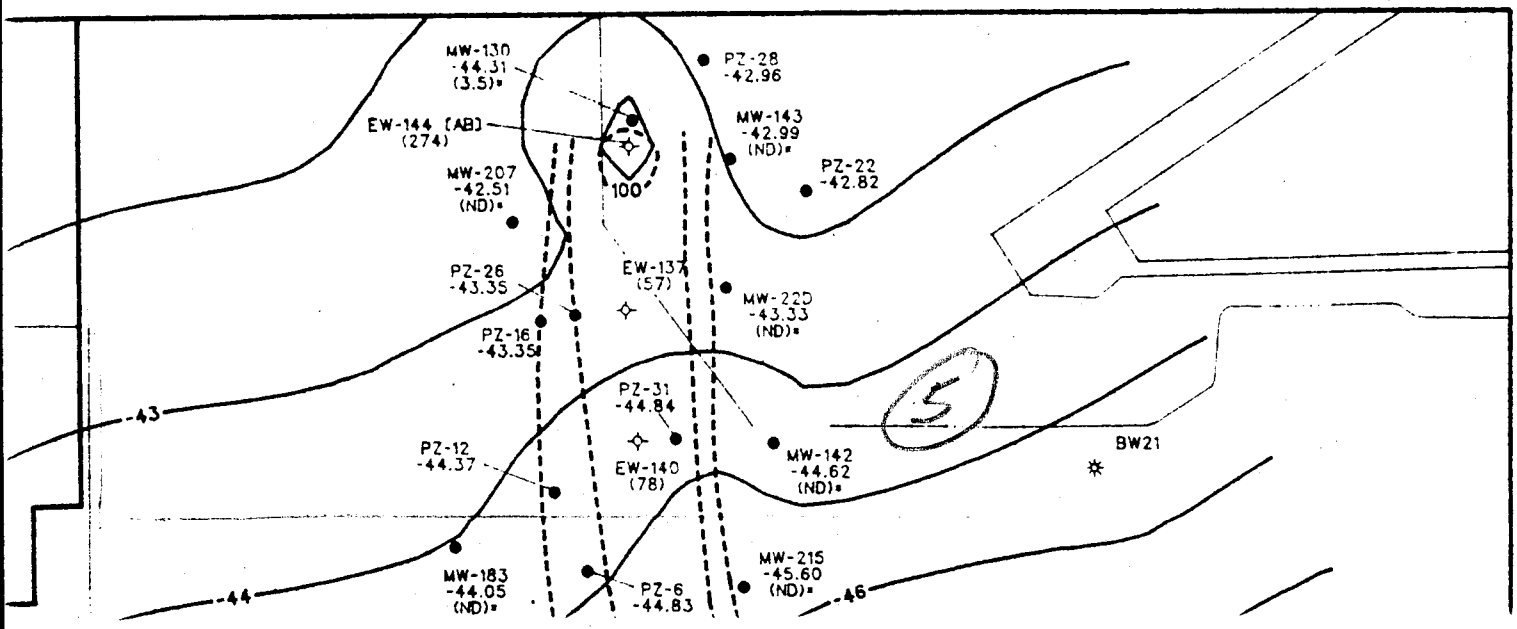

RW8
MW-16D [AB]
(ND)*
MW-17D [AB]
(ND)*
ROBLA CREEK
20TH ST.
22TH ST.
24TH ST.
26TH ST.
RW11
ROBLA CREEK
MW-1
-36.
(ND)
MW-195
-37.69
(1.8)*
MW-1043
-38.14
(ND)*
MW-1028
-38.07
(ND)*
DRAINAGE CANAL
MW-104
-38.42
(ND)*
MW-18D
-37.29
(0.28)*
MW-58
-38.96
(ND)*
MW-52 [AB]
(ND)
MW-105
-38.94
(ND)*
BW28
MW-1001
-38.26
(ND)*
EW-73 [AB]
(346)
EW-83 [AB]
(127)
MW-51
-39.35
(ND)*
EW-87 [AB]
(50)*
EW-84 [AB]
(649)
EW-86 [AB]
(7.7)
EW-85 [AB]
(304)
MW-59
-38.96
(ND)*
MW-19D
-38.86
(ND)*
DRAINAGE CANAL
MW-109
-38.91
(ND)*
MW-189
-38.91
(30)*
BW16
2

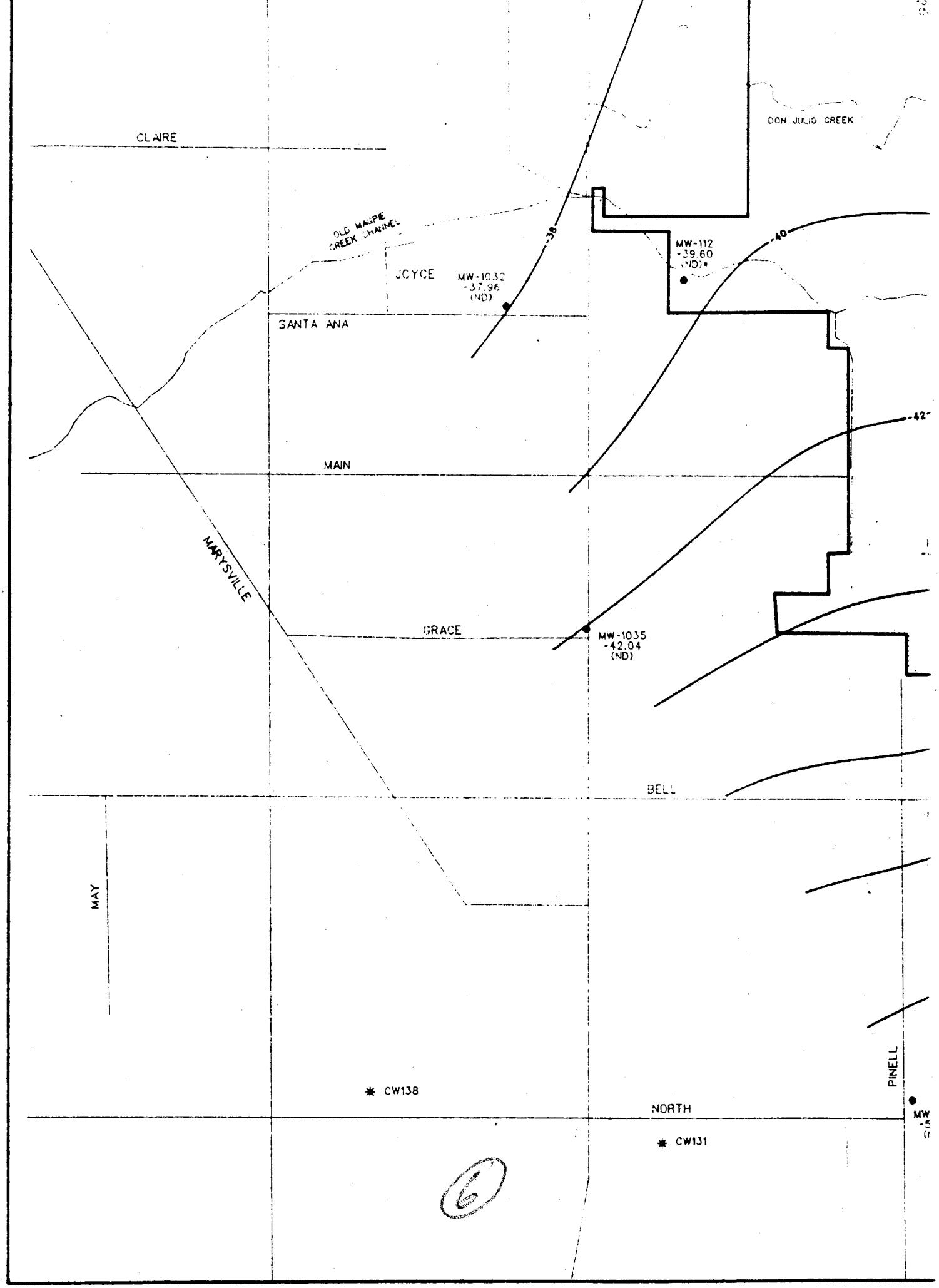

E STREET
MW-1043
-38.14
(ND)*
AW58
ROBLA CREEK
32ND ST.
C STREET
1ST.
MW-103
-36.69
(ND)*
34TH ST.
ASCOT
-38
MW-195
-37.69
(1.8)*
MW-100 (BG)
(ND)*
BW22
BW29
BW23
BW24
WATT
AW16
-40
-41
-42
DRAINAGE CANAL
MW-29D
-36.46
MAIN
MW-227
-37.37
(ND)
3
BW10
MW-170

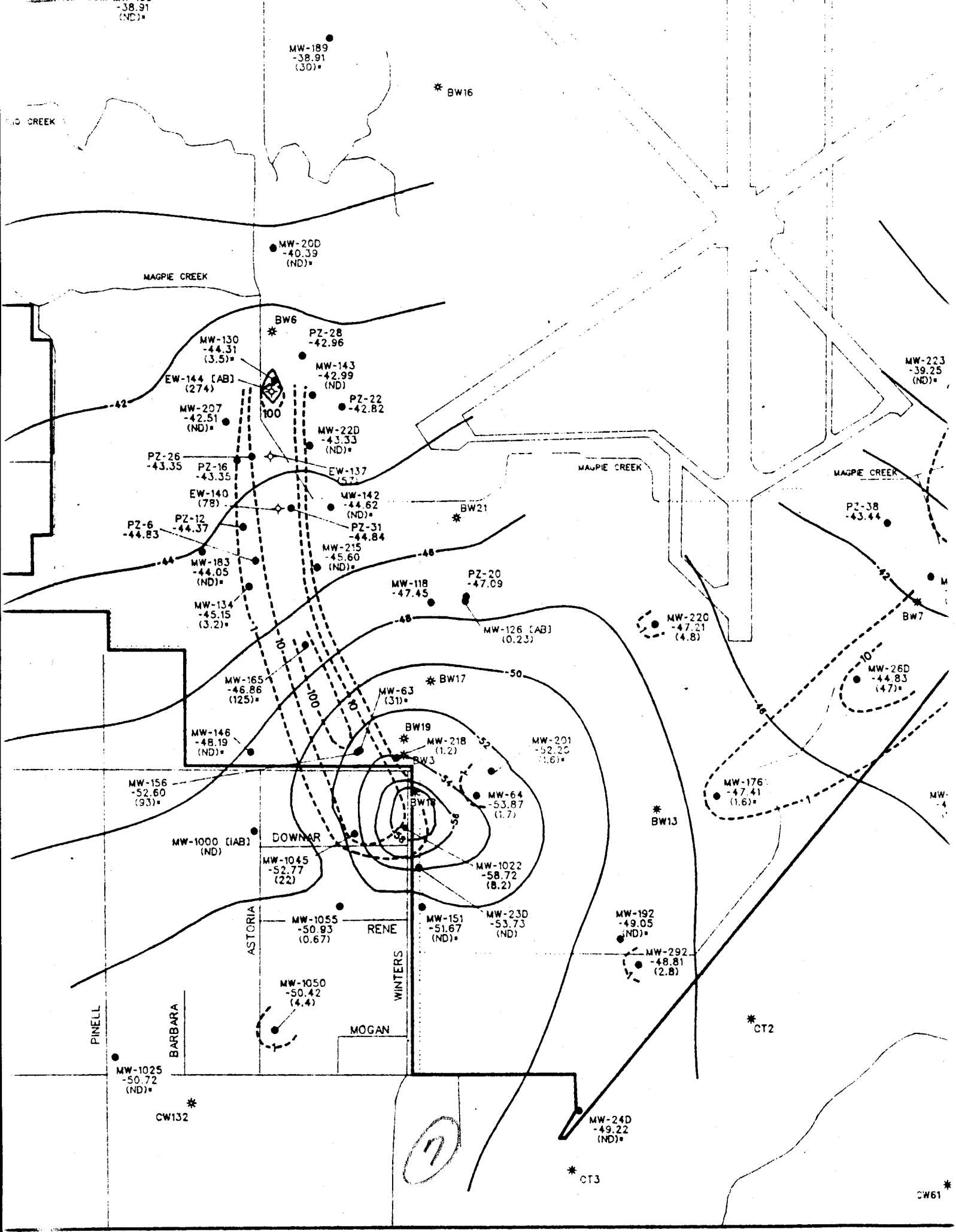

E STREET
22TH STREET
24TH STREET
DRAINAGE CANAL
STREET
20TH STREET
MW-1043
-38.14
(ND)
MW-1028
-38.07
(ND)
MW-104
-38.42
(ND)
MW-58
-38.96
(ND)
MW-52 (AB)
(ND)
MW-105
-38.94
(ND)
MW-1001
-38.26
(ND)
EW-83 (AB)
(127)
EW-73 (AB)
(346)
MW-51
-39.35
(ND)
EW-84 (AB)
(649)
EW-87 (AB)
(50)
EW-86 (AB)
(7.7)
EW-85 (AB)
(304)
MW-59
-38.96
(ND)
MW-19D
-38.86
(ND)
-38
-39
DRAINAGE CANAL
MW-109
-38.91
(ND)
INSET
0
SCALE IN FEET

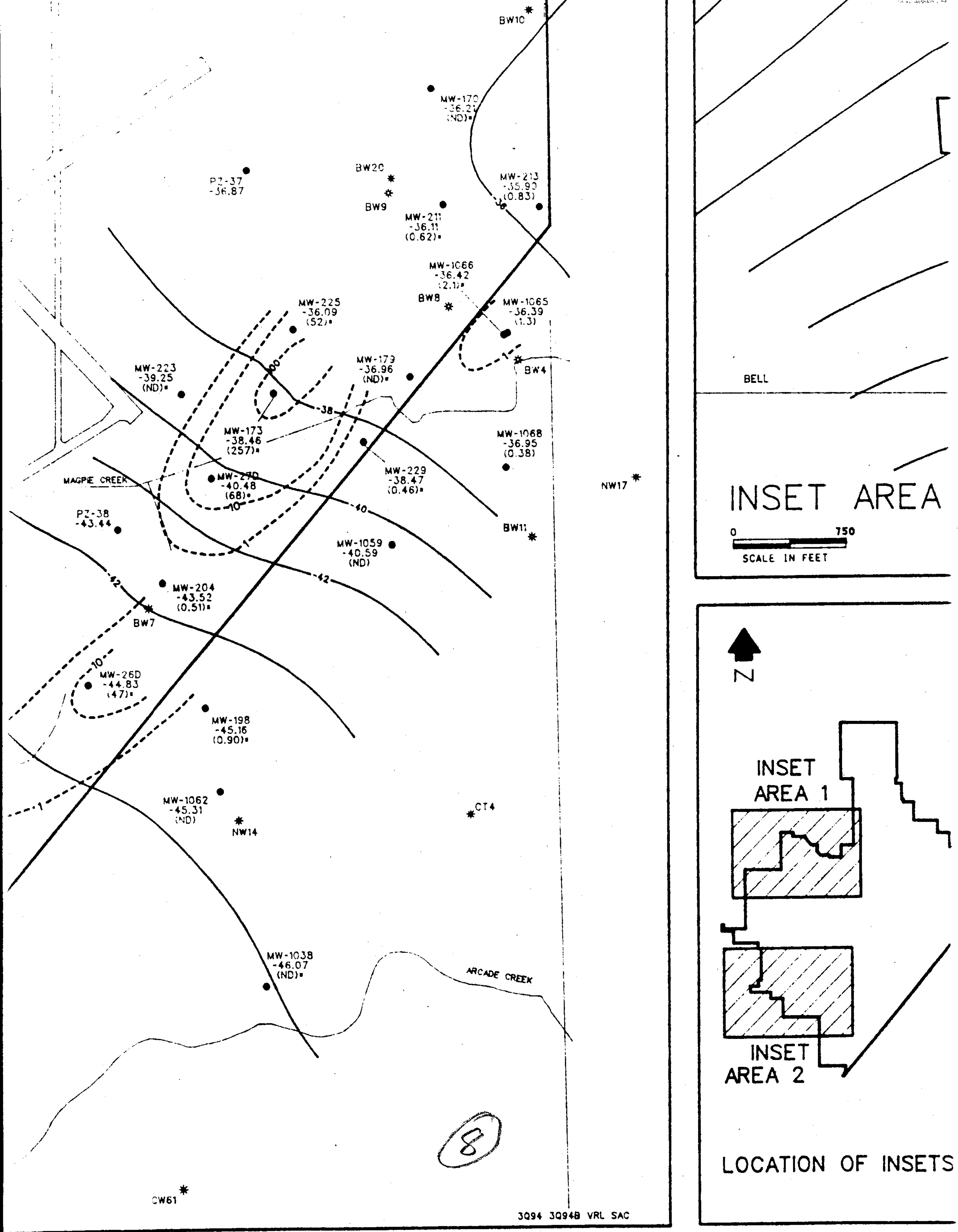

MW-130
-44.31
(3.5)
PZ-28
-42.96
EW-144 (AB)
(274)
MW-143
-42.99
(ND)
MW-207
-42.51
(ND)
100
PZ-22
-42.82
PZ-26
-43.35
EW-137
(57)
MW-220
-43.33
(ND)
PZ-16
-43.35
PZ-31
-44.84
PZ-12
-44.37
EW-140
(78)
MW-142
-44.62
(ND)
BW21
MW-183
-44.05
(ND)
PZ-6
-44.83
MW-215
-45.60
(ND)
-41
-42
-43
-44
-46
4


22TH STREET
24TH STREET
20TH STREET
DRAINAGE CANAL
DRAINAGE CANAL
MW-1028
-38.07
(ND)*
MW-104
-38.42
(ND)*
MW-58
-38.96
(ND)*
MW-52 [AB]
(ND)
MW-105
-38.94
(ND)*
MW-18D
-37.29
(0.28)*
BW28
EW-83 [AB]
(127)
EW-73 [AB]
(346)
MW-51
-39.35
(ND)*
EW-84 [AB]
(649)
EW-87 [AB]
(50)*
EW-86 [AB]
(7.7)
EW-85 [AB]
(304)
MW-59
-38.96
(ND)*
MW-19D
-38.86
(ND)*
MW-109
-38.91
(ND)*
-37
-38
-39
INSET AREA 1
0
750
SCALE IN FEET


MW-130
-44.31
(3.5)*
EW-144 [AB]
(274)
PZ-28
-42.96
MW-143
-42.99
(ND)*
PZ-22
-42.82
MW-207
-42.51
(ND)*
100
PZ-26
-43.35
EW-137
(57)
MW-220
-43.33
(ND)*
PZ-16
-43.35
PZ-31
-44.84
EW-140
(78)
MW-142
-44.62
(ND)*
BW21
PZ-12
-44.37
MW-183
-44.05
(ND)*
PZ-6
-44.83
MW-215
-45.60
(ND)*
-43
-44
-46
5


CLAIRE
DON JULIO CREEK
OLD MAIPE CREEK CHANNEL
JOYCE
MW-1032
-37.96
(ND)
MW-112
-39.60
(ND)*
-38
-40
-42
SANTA ANA
MAIN
MARYSVILLE
GRACE
MW-1035
-42.04
(ND)
BELL
MAY
PINELL
CW138
NORTH
CW131
MW
-5
(6)


MW-189
-38.91
(30)*
BW16
MW-20D
-40.39
(ND)*
MAGPIE CREEK
BW6
PZ-28
-42.96
MW-130
-44.31
(3.5)*
EW-144 [AB]
(274)
MW-143
-42.99
(ND)
PZ-22
-42.82
MW-207
-42.51
(ND)*
MW-22D
-43.33
(ND)*
PZ-26
-43.35
PZ-16
-43.35
EW-137
(57)
EW-140
(78)
MW-142
-44.62
(ND)*
BW21
PZ-6
-44.83
PZ-12
-44.37
PZ-31
-44.84
MW-215
-45.60
(ND)*
MW-183
-44.05
(ND)*
MW-134
-45.15
(3.2)*
MW-118
-47.45
PZ-20
-47.09
MW-126 [AB]
(0.23)
MW-220
-47.21
(4.8)
MW-165
-46.86
(125)*
BW17
MW-63
(31)*
BW19
MW-146
-48.19
(ND)*
MW-218
(1.2)
BW3
MW-201
-52.20
(1.6)*
MW-156
-52.60
(93)*
MW-64
-53.87
(1.7)
BW18
BW13
MW-1000 [AB]
(ND)
DOWNAR
MW-1045
-52.77
(22)
MW-1022
-58.72
(8.2)
MW-1055
-50.93
(0.67)
RENE
MW-151
-51.67
(ND)*
MW-23D
-53.73
(ND)
MW-192
-49.05
(ND)*
MW-292
-48.81
(2.8)
ASTORIA
WINTERS
MW-1050
-50.42
(4.4)
PINELL
BARBARA
MOGAN
MW-1025
-50.72
(ND)*
CW132
CT2
MW-24D
-49.22
(ND)*
CT3
MW-223
-39.25
(ND)*
PZ-38
-43.44
BW7
MW-26D
-44.83
(47)*
MW-176
-47.41
(1.6)*
CW61


BW10
MW-170
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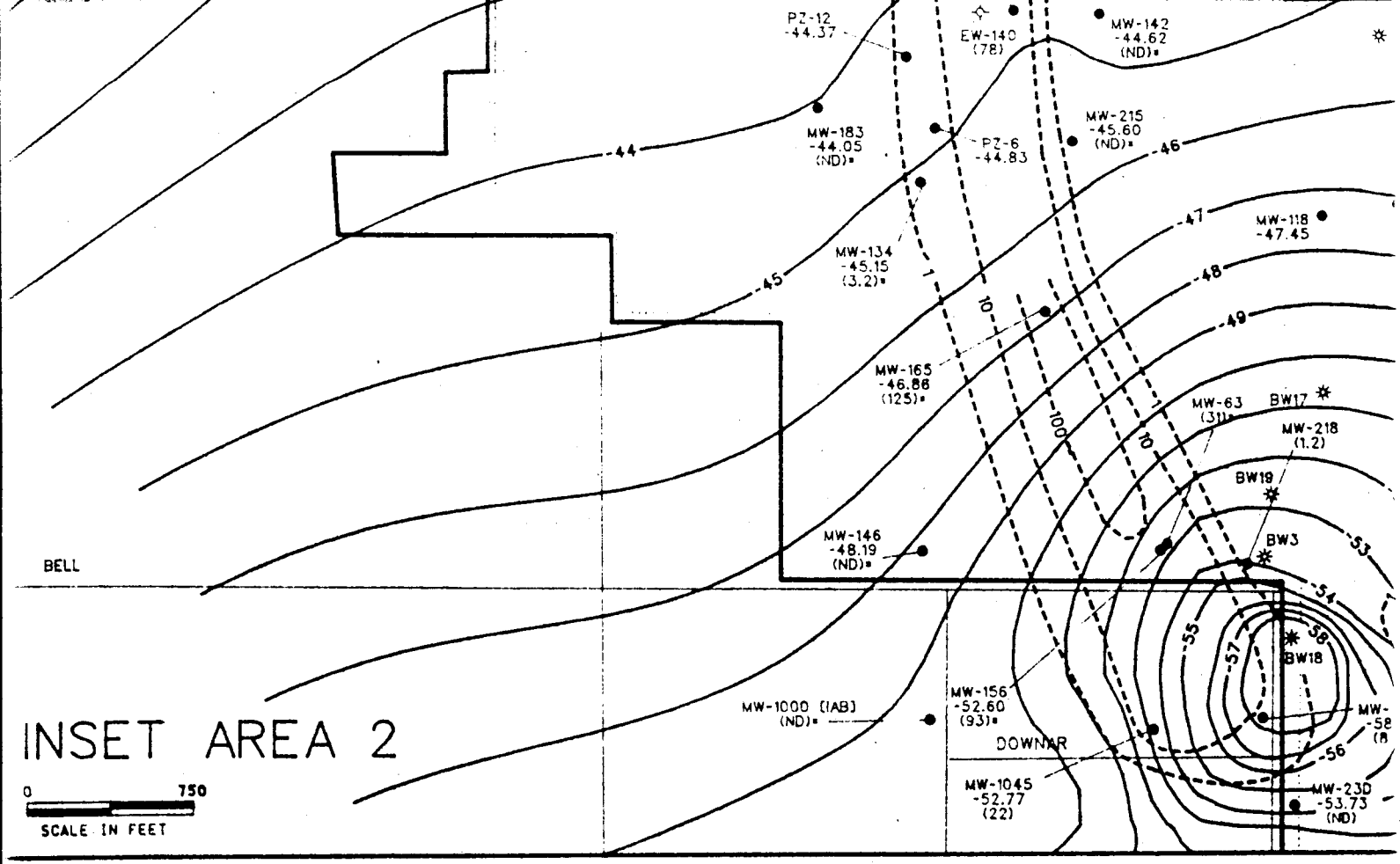
(ND)*
PZ-37
-36.87
BW20
BW9
MW-213
-35.90
(0.83)
MW-211
-36.11
(0.62)*
MW-1066
-36.42
(2.1)*
BW8
MW-1065
-36.39
(1.3)
MW-225
-36.09
(52)*
BW4
MW-223
-39.25
(ND)*
MW-179
-36.96
(ND)*
MW-173
-38.46
(257)*
MW-1068
-36.95
(0.38)
MAGPIE CREEK
MW-270
-40.48
(68)*
MW-229
-38.47
(0.46)*
NW17
PZ-38
-43.44
BW11
MW-1059
-40.59
(ND)
MW-204
-43.52
(0.51)*
BW7
MW-26D
-44.83
(47)*
MW-198
-45.16
(0.90)*
MW-1062
-45.31
(ND)
NW14
CT4
MW-1038
-46.07
(ND)*
ARCADE CREEK
CW61
3Q94 3Q94B VRL SAC
BELL
INSET AREA
0
750
SCALE IN FEET
N
INSET AREA 1
INSET AREA 2
LOCATION OF INSETS



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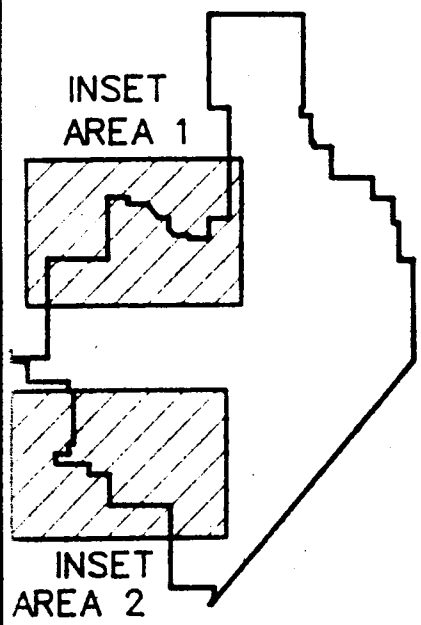


LOCATION OF INSETS

LEGEND:

———	McCLELLAN AFB BOUNDARY
—·—·—	STREAMS/DRAINAGE (DOTTED WHERE COVERED)
✧	EXTRACTION WELLS
•	MONITORING WELLS AND PIEZOMETERS
✲	WATER SUPPLY WELLS (INACTIVE)
✲	WATER SUPPLY WELLS (ACTIVE)
—40—	WATER LEVEL CONTOURS IN FEET MSL
(5.8)	TCE CONCENTRATIONS IN ug/L. SAMPLES COLLECTED DURING 3Q94.
(1.2)*	TCE CONCENTRATIONS IN ug/L. SAMPLES COLLECTED PRIOR TO 3Q94, BUT USED TO DRAW TCE ISOPLETH.
(ND)	TCE NOT DETECTED.
[AB]	WELL SCREENED IN BOTH ZONES DESIGNATED
[IAB]	INTERMEDIATE WELL SCREENED BETWEEN THE B A AND B ZONES. TCE CONCENTRATIONS USED TO DRAW A ZONE TCE ISOPLETH ONLY.
b	WATER LEVEL NOT USED TO DRAW CONTOUR
------	ESTIMATED ISOPLETH OF TCE CONCENTRATIONS. USING DATA FROM JULY, 1991 THROUGH SEPTEMBER 1994. ISOPLETH INTERVAL: 10^Xug/L.

NOTES:

WATER LEVEL CONTOURS GENERATED BY CPS-3® AND CORRECTED BY HAND. ONLY WELLS WITH WATER LEVELS SHOWN WERE USED FOR CONTOURING. GROUNDWATER DEPRESSIONS MAY NOT BE CENTERED ON PUMPING WELLS BECAUSE THEIR WATER LEVELS ARE NOT MEASURED. TCE VALUES WERE ROUNDED FOR EASE IN READING MAPS.

N

0 1000

SCALE IN FEET

PLA

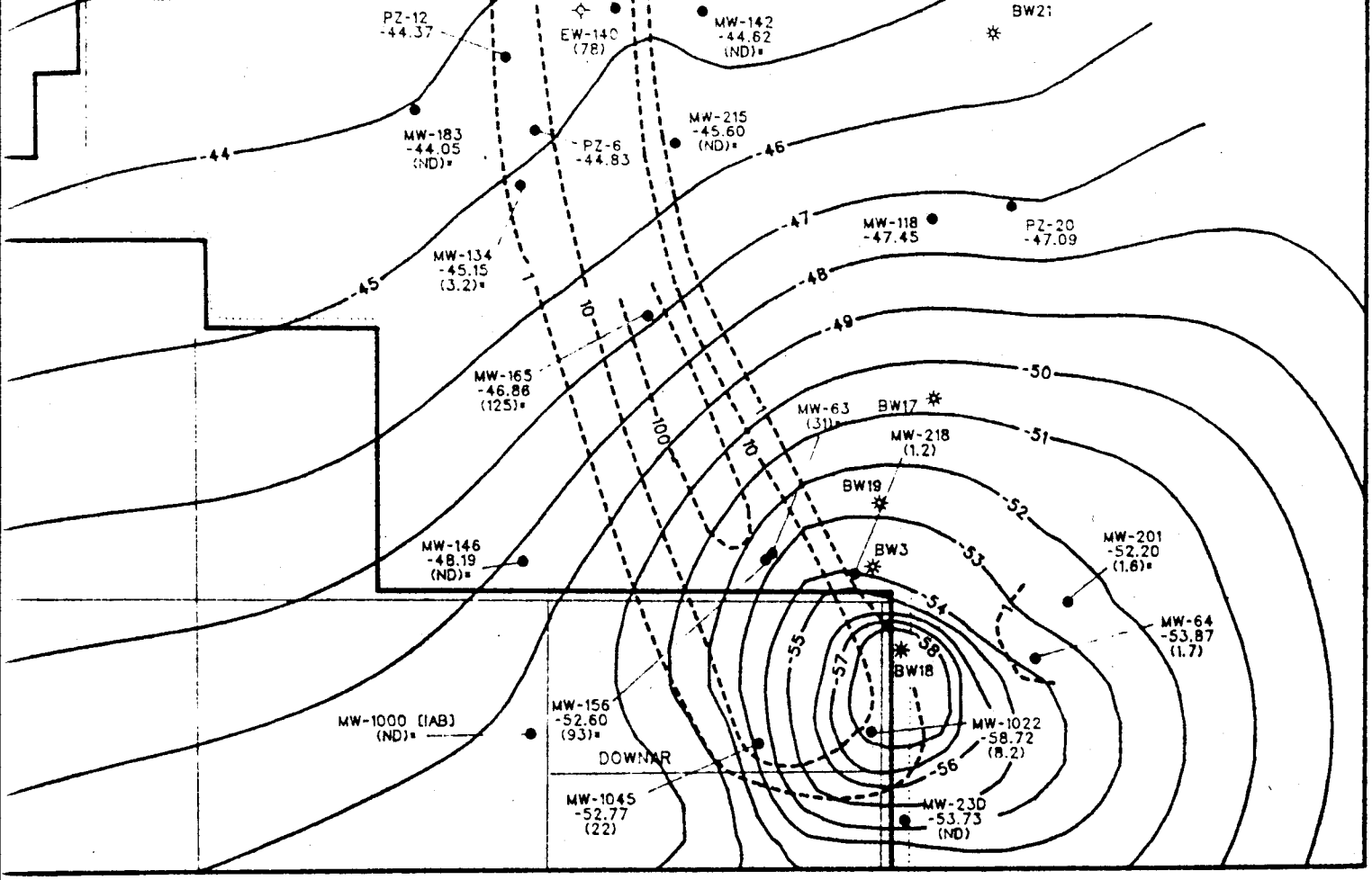
WATER LEVEL
ESTIMATED TRI
CONCENTRATIOI
B-ZONE
AND EXTR/
Water Level
June 2
TCE Data Collecte

McCLEL
Groundwat
& Analysi

July-Sept

LATEST REVISION:	VRL
GENERATED BY:	
PEER REVIEW:	
PROJECT REVIEW:	

RAD
CORPO



LEGEND:

———	McCLELLAN AFB BOUNDARY
— · · —	STREAMS/DRAINAGE (DOTTED WHERE COVERED)
✧	EXTRACTION WELLS
●	MONITORING WELLS AND PIEZOMETERS
✲	WATER SUPPLY WELLS (INACTIVE)
✲	WATER SUPPLY WELLS (ACTIVE)
—40—	WATER LEVEL CONTOURS IN FEET MSL
(5.8)	TCE CONCENTRATIONS IN ug/L. SAMPLES COLLECTED DURING 3Q94.
(1.2)*	TCE CONCENTRATIONS IN ug/L. SAMPLES COLLECTED PRIOR TO 3Q94, BUT USED TO DRAW TCE ISOPLETH.
(ND)	TCE NOT DETECTED.
[AB]	WELL SCREENED IN BOTH ZONES DESIGNATED
[IAB]	INTERMEDIATE WELL SCREENED BETWEEN THE B A AND B ZONES. TCE CONCENTRATIONS USED TO DRAW A ZONE TCE ISOPLETH ONLY.
b	WATER LEVEL NOT USED TO DRAW CONTOUR
- - - - - -	ESTIMATED ISOPLETH OF TCE CONCENTRATIONS. USING DATA FROM JULY, 1991 THROUGH SEPTEMBER 1994. ISOPLETH INTERVAL: 10^Xug/L.

NOTES:

WATER LEVEL CONTOURS GENERATED BY CPS-3 ® AND CORRECTED BY HAND. ONLY WELLS WITH WATER LEVELS SHOWN WERE USED FOR CONTOURING. GROUNDWATER DEPRESSIONS MAY NOT BE CENTERED ON PUMPING WELLS BECAUSE THEIR WATER LEVELS ARE NOT MEASURED. TCE VALUES WERE ROUNDED FOR EASE IN READING MAPS.

N

0 1000

SCALE IN FEET

10

PLATE 3.

WATER LEVEL CONTOURS AND ESTIMATED TRICHLOROETHENE CONCENTRATION ISOPLETHS FOR B-ZONE MONITORING AND EXTRACTION WELLS

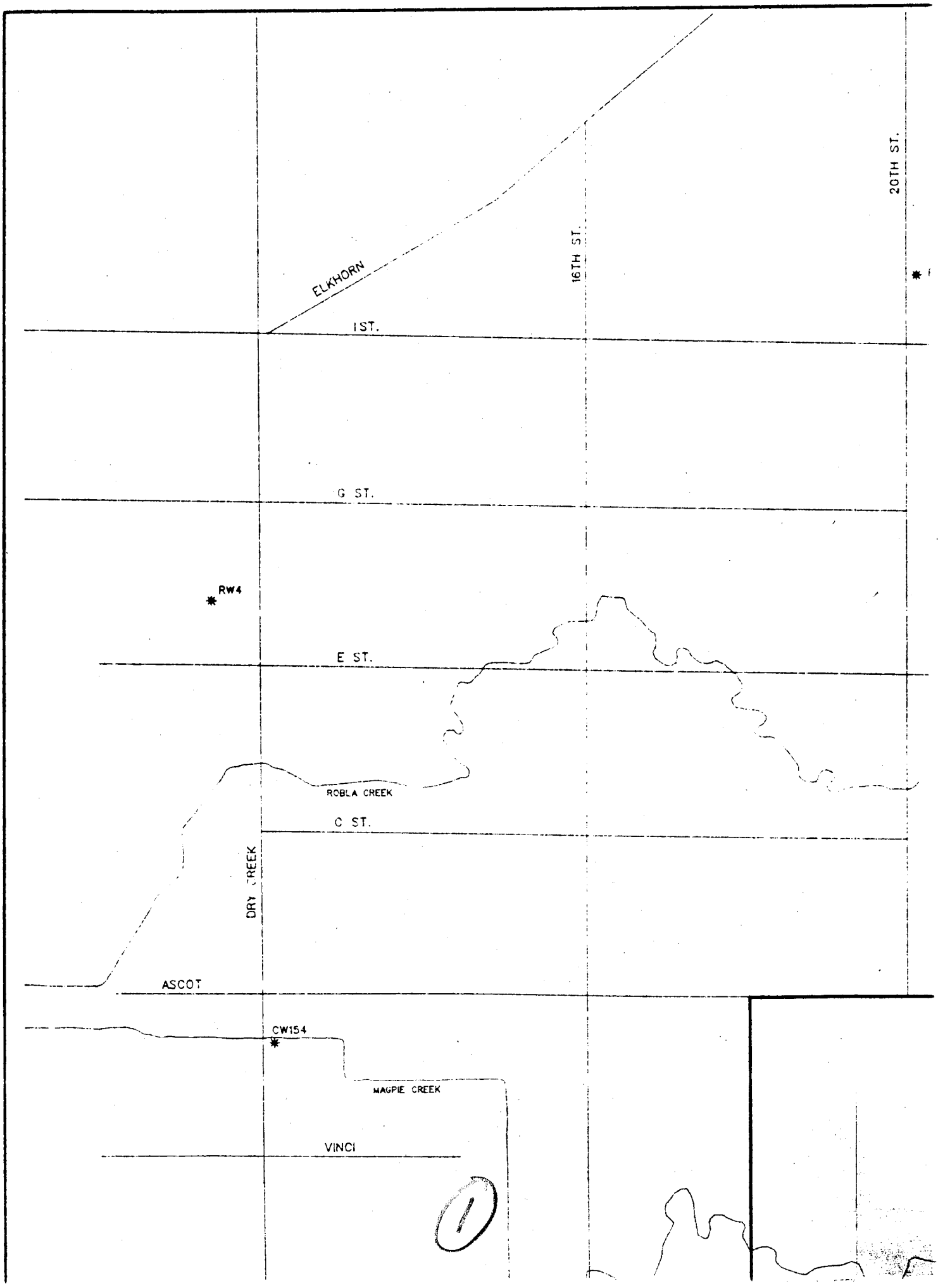
Water Level Data Collected
June 27-30, 1994
TCE Data Collected Third Quarter 1994

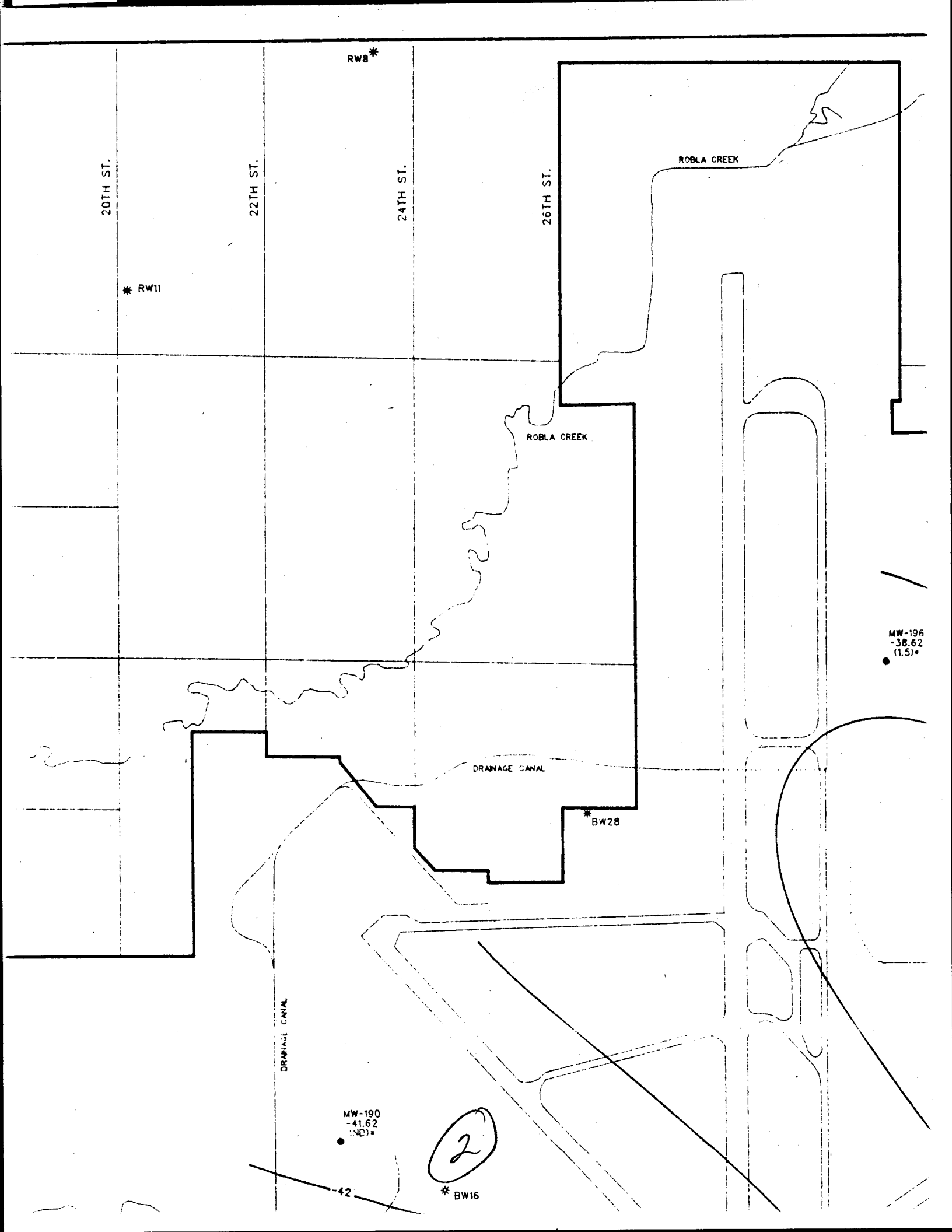
McCLELLAN AFB
Groundwater Sampling & Analysis Program

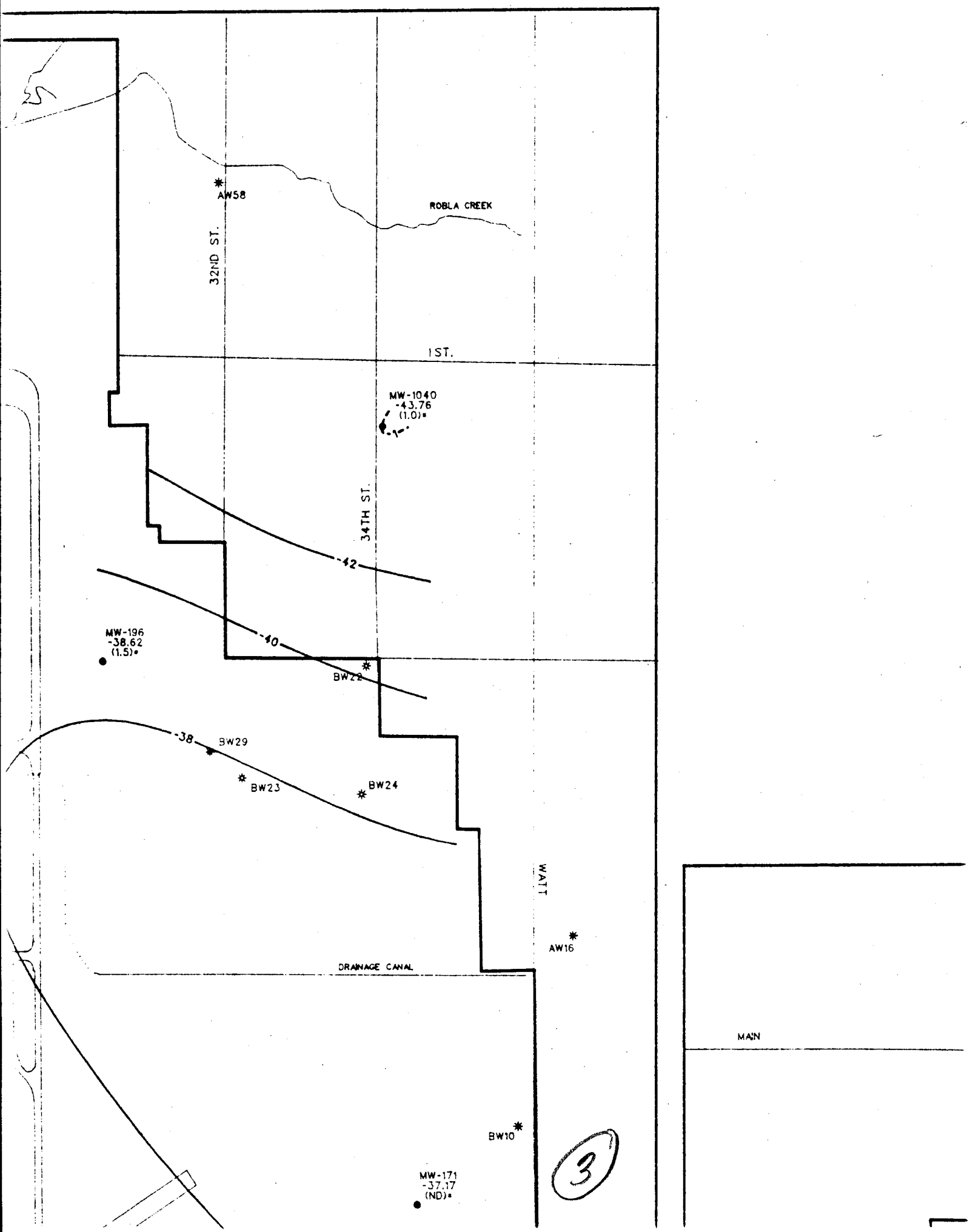
July-September 1994

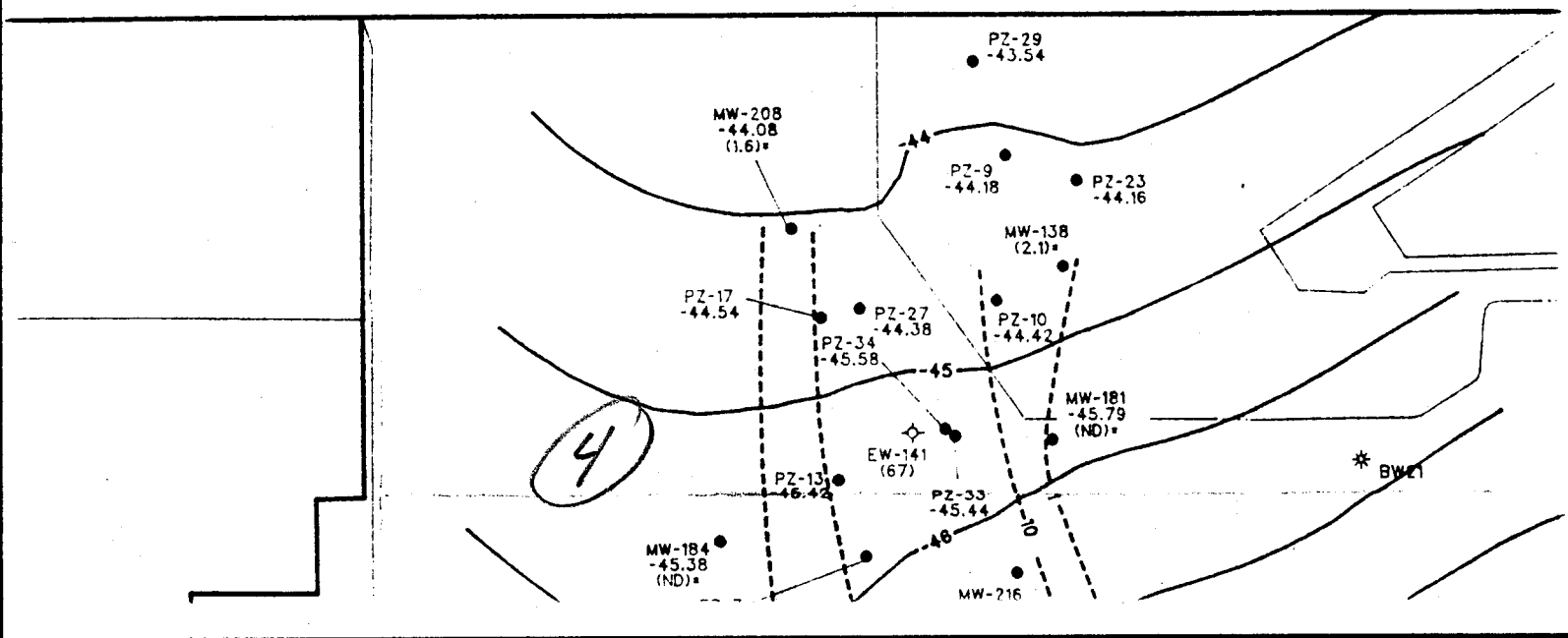
LATEST REVISION: VRL	DATE: 12-08-93
GENERATED BY: [illegible]	DATE: 12/13/94
PEER REVIEW: [illegible]	DATE: 12/13/94
PROJECT REVIEW: [illegible]	DATE: 12/19/94

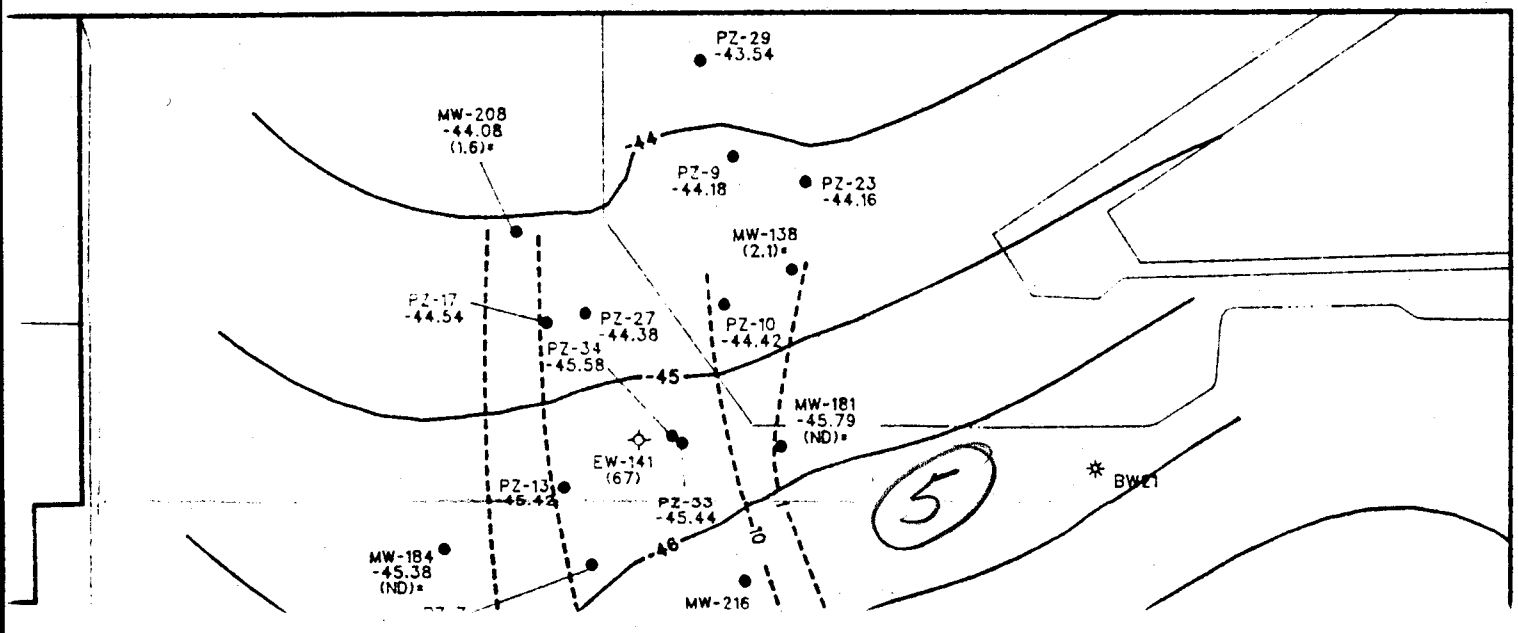
RADIAN CORPORATION

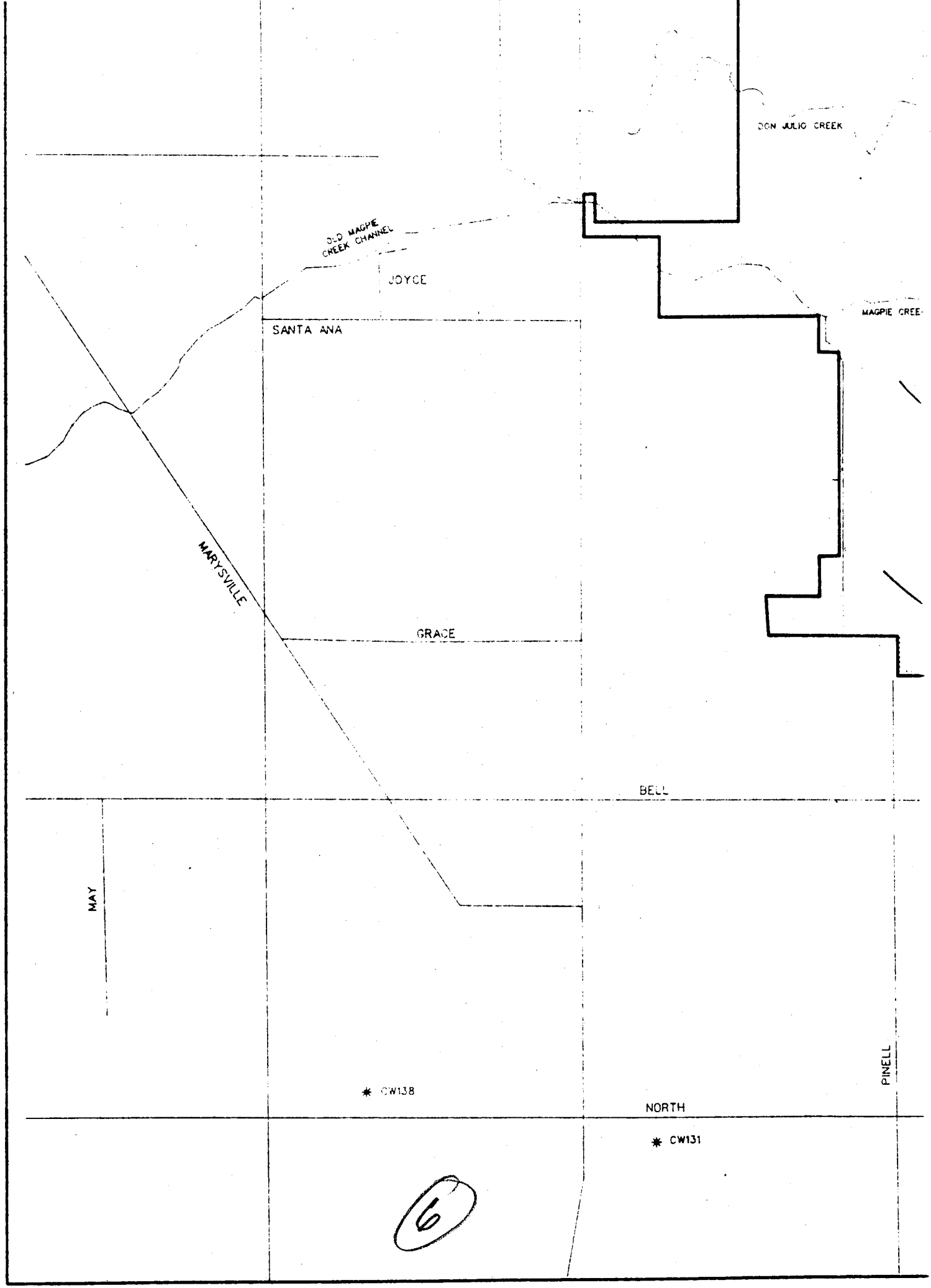

ELKHORN
1ST.
16TH ST.
20TH ST.
G ST.
RW4
E ST.
ROBLA CREEK
C ST.
DRY CREEK
ASCOT
CW154
MAGPIE CREEK
VINCI

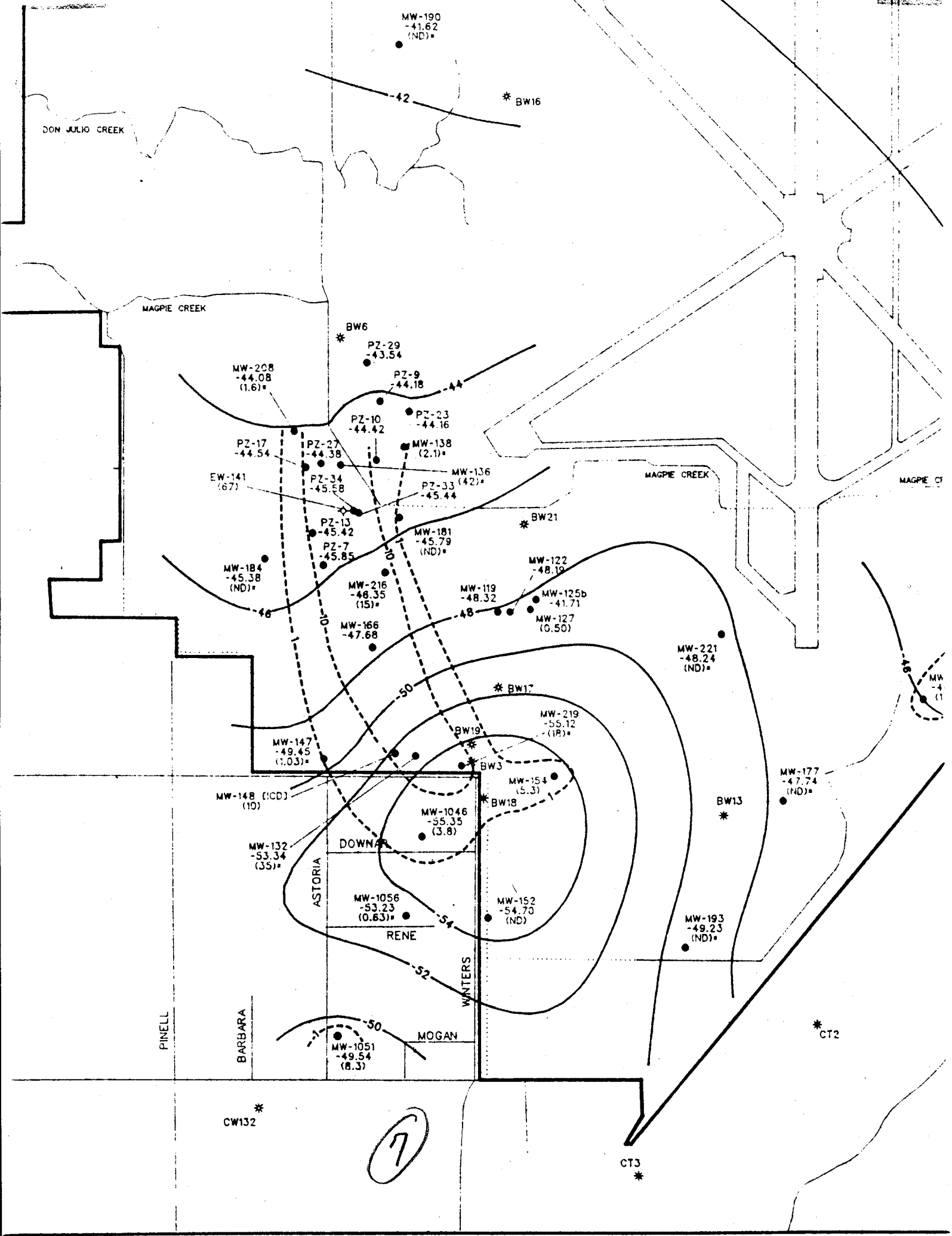

RW8
20TH ST.
22TH ST.
24TH ST.
26TH ST.
ROBLA CREEK
RW11
ROBLA CREEK
MW-196
-38.62
(1.5)
DRAINAGE CANAL
BW28
DRAINAGE CANAL
MW-190
-41.62
(ND)
2
-42
BW16

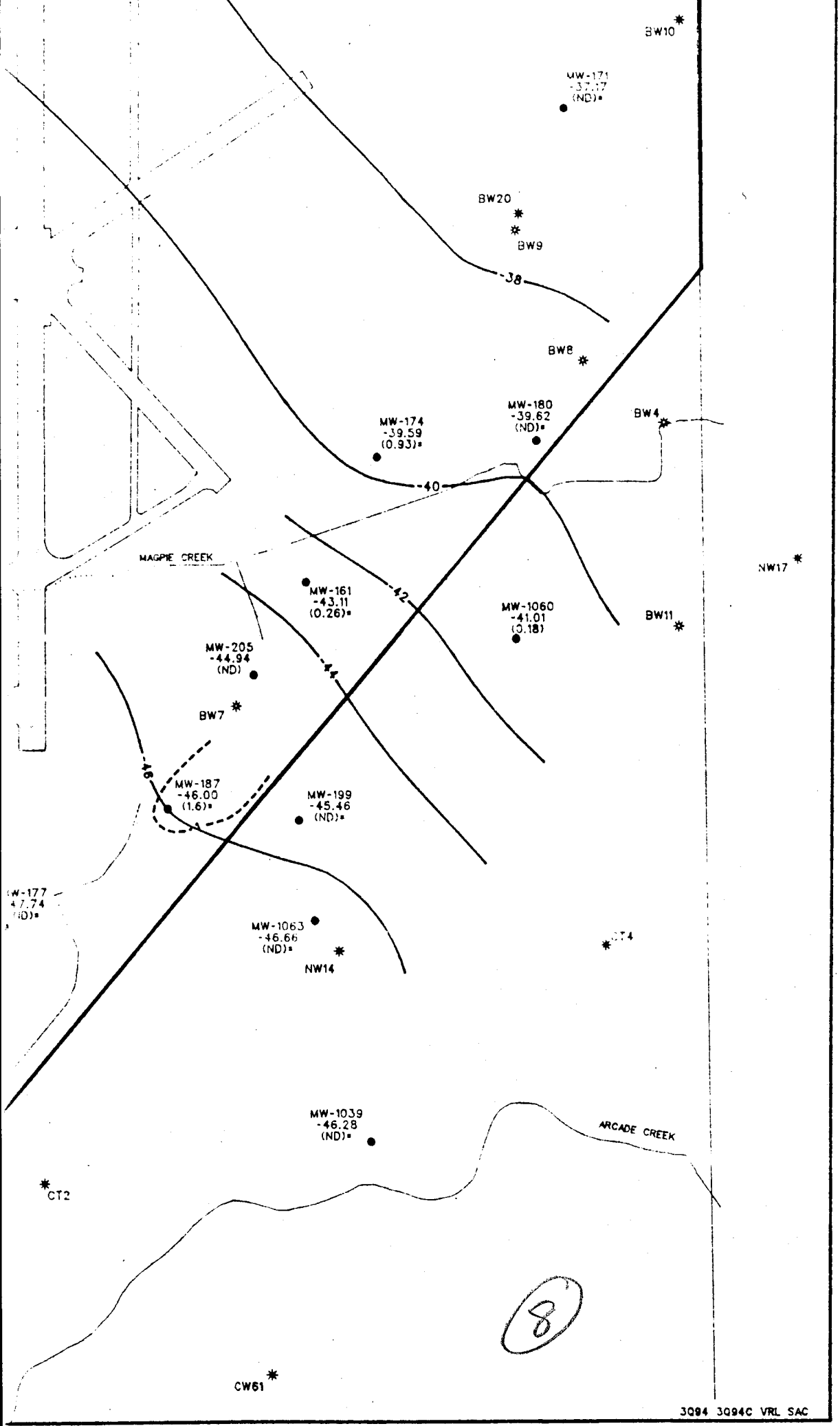

AW58
ROBLA CREEK
32ND ST.
1ST.
MW-1040
-43.76
(1.0)*
34TH ST.
-42
-40
MW-196
-38.62
(1.5)*
BW22
-38
BW29
BW23
BW24
WATT
AW16
DRAINAGE CANAL
MAIN
BW10
MW-171
-37.17
(ND)*
3


PZ-29
-43.54
MW-208
-44.08
(1.6)*
-44
PZ-9
-44.18
PZ-23
-44.16
MW-138
(2.1)*
PZ-17
-44.54
PZ-27
-44.38
PZ-10
-44.42
PZ-34
-45.58
-45
MW-181
-45.79
(ND)*
4
EW-141
(67)
PZ-13
-45.42
PZ-33
-45.44
BW-21
MW-184
-45.38
(ND)*
-46
10
MW-216


PZ-29
-43.54
MW-208
-44.08
(1.6)*
-44
PZ-9
-44.18
PZ-23
-44.16
MW-138
(2.1)*
PZ-17
-44.54
PZ-27
-44.38
PZ-34
-45.58
PZ-10
-44.42
-45
MW-181
-45.79
(ND)*
EW-141
(67)
PZ-13
-45.42
PZ-33
-45.44
BW-1
5
MW-184
-45.38
(ND)*
-46
MW-216


DON JULIO CREEK
OLD MAGPIE CREEK CHANNEL
JOYCE
MAGPIE CREE
SANTA ANA
MARYSVILLE
GRACE
BELL
MAY
PINELL
CW138
NORTH
CW131
6


MW-190
-41.62
(ND)*
-42
BW16
DON JULIO CREEK
MAGPIE CREEK
BW6
PZ-29
-43.54
MW-208
-44.08
(1.6)*
PZ-9
-44.18
-44
PZ-23
-44.16
PZ-10
-44.42
PZ-17
-44.54
PZ-27
-44.38
MW-138
(2.1)*
MW-136
(42)*
EW-141
(67)
PZ-34
-45.68
PZ-33
-45.44
MAGPIE CREEK
BW21
PZ-13
-45.42
PZ-7
-45.85
MW-181
-45.79
(ND)*
MW-184
-45.38
(ND)*
MW-216
-46.35
(15)*
MW-122
-48.19
MW-119
-48.32
MW-125b
-41.71
MW-127
(0.50)
-46
-48
-10
MW-166
-47.68
MW-221
-48.24
(ND)*
-50
BW17
MW-219
-55.12
(18)*
BW19
MW-147
-49.45
(1.03)*
BW3
MW-154
(5.3)
MW-177
-47.74
(ND)*
MW-148 (ICD)
(10)
BW18
BW13
MW-1046
-55.35
(3.8)
MW-132
-53.34
(35)*
DOWNAR
ASTORIA
MW-1056
-53.23
(0.63)*
MW-152
-54.70
(ND)
-54
MW-193
-49.23
(ND)*
RENE
-52
WINTERS
PINELL
BARBARA
-50
MOGAN
MW-1051
-49.54
(8.3)
CT2
CW132
CT3



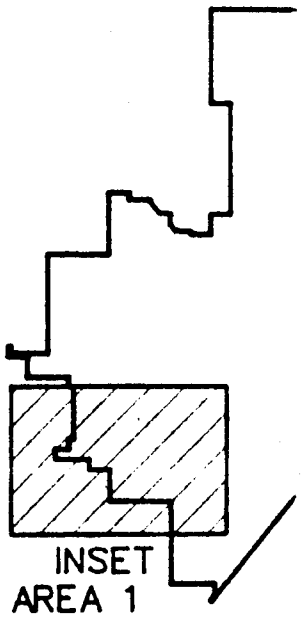
BELL

INSET AF

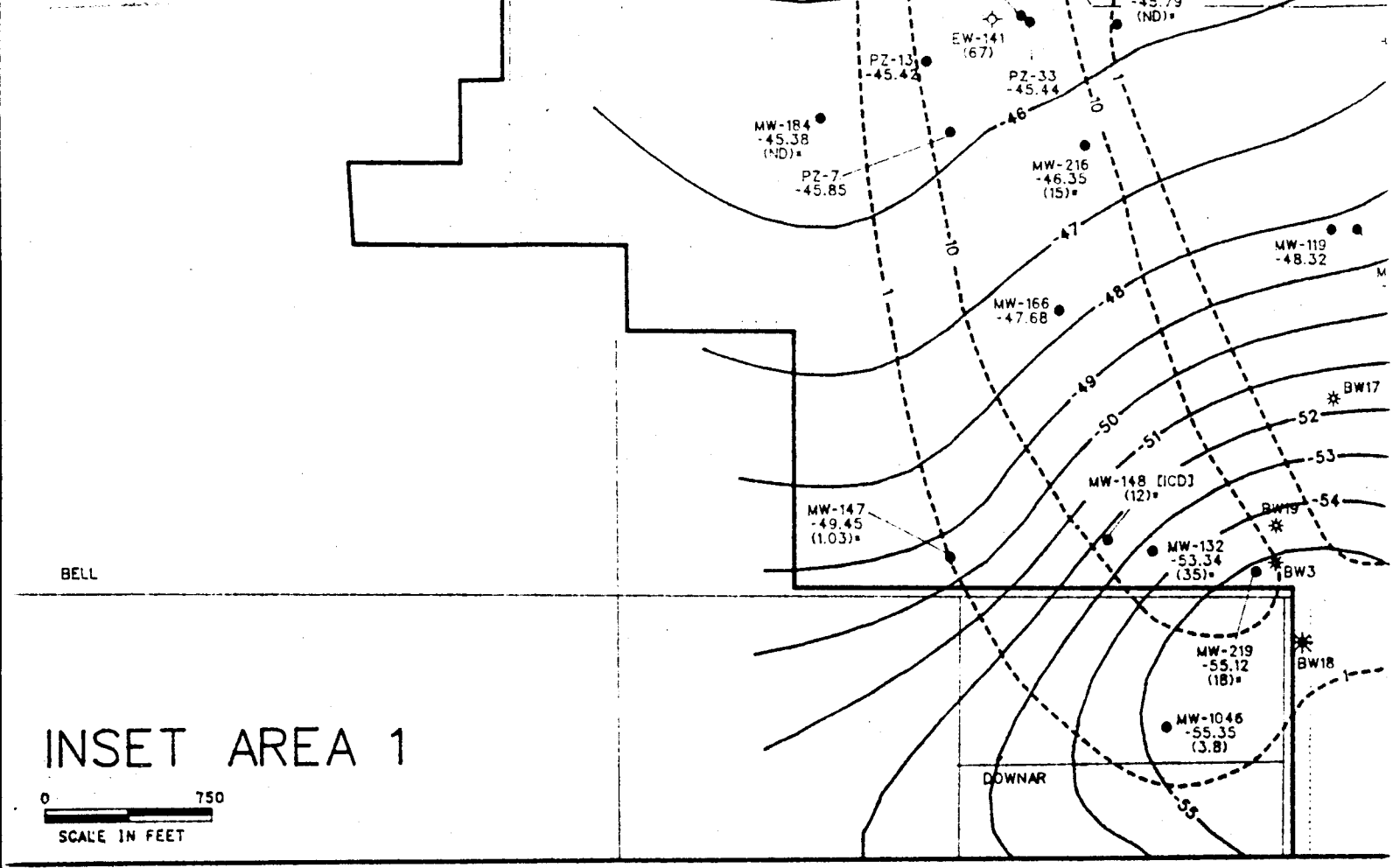
0 750

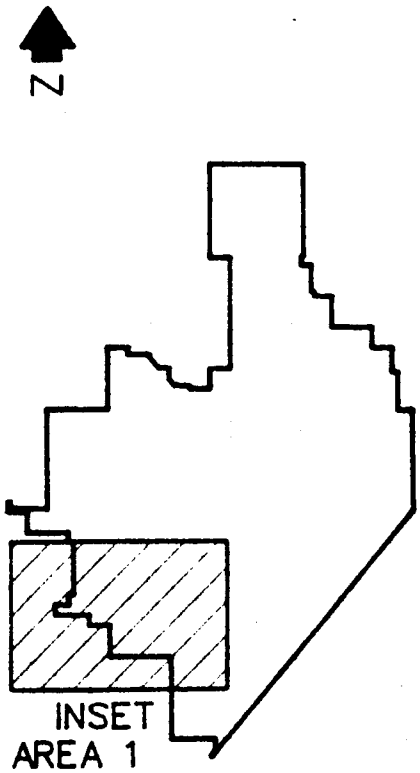
SCALE IN FEET

N



LOCATION OF IN





LOCATION OF INSET

LEGEND:

———	McCLELLAN AFB BOUNDARY
—·—·—	STREAMS/DRAINAGE (DOTTED WHERE COVERED)
✧	EXTRACTION WELLS
•	MONITORING WELLS AND PIEZOMETERS
✱	WATER SUPPLY WELLS (INACTIVE)
✱	WATER SUPPLY WELLS (ACTIVE)
—-42—	WATER LEVEL CONTOURS IN FEET MSL
(5.8)	TCE CONCENTRATIONS IN ug/L. SAMPLES COLLECTED DURING 2Q94.
(1.2)*	TCE CONCENTRATIONS IN ug/L. SAMPLES COLLECTED PRIOR TO 2Q94, BUT USED TO DRAW TCE ISOPLETH.
------	ESTIMATED ISOPLETH OF TCE CONCENTRATIONS USING DATA FROM JULY, 1991 THROUGH SEPTEMBER 1994. ISOPLETH INTERVAL: 10^{X}ug/L.

NOTE: WATER LEVEL CONTOURS GENERATED BY CPS-3 ® AND CORRECTED BY HAND. ONLY WELLS WITH WATER LEVEL VALUES SHOWN WERE USED FOR CONTOURING. GROUNDWATER DEPRESSIONS MAY NOT BE CENTERED ON PUMPING WELLS BECAUSE WATER LEVELS ARE NOT MEASURED. TCE VALUES WERE ROUNDED FOR EASE IN READING MAPS

9

N

0 1000
SCALE IN FEET

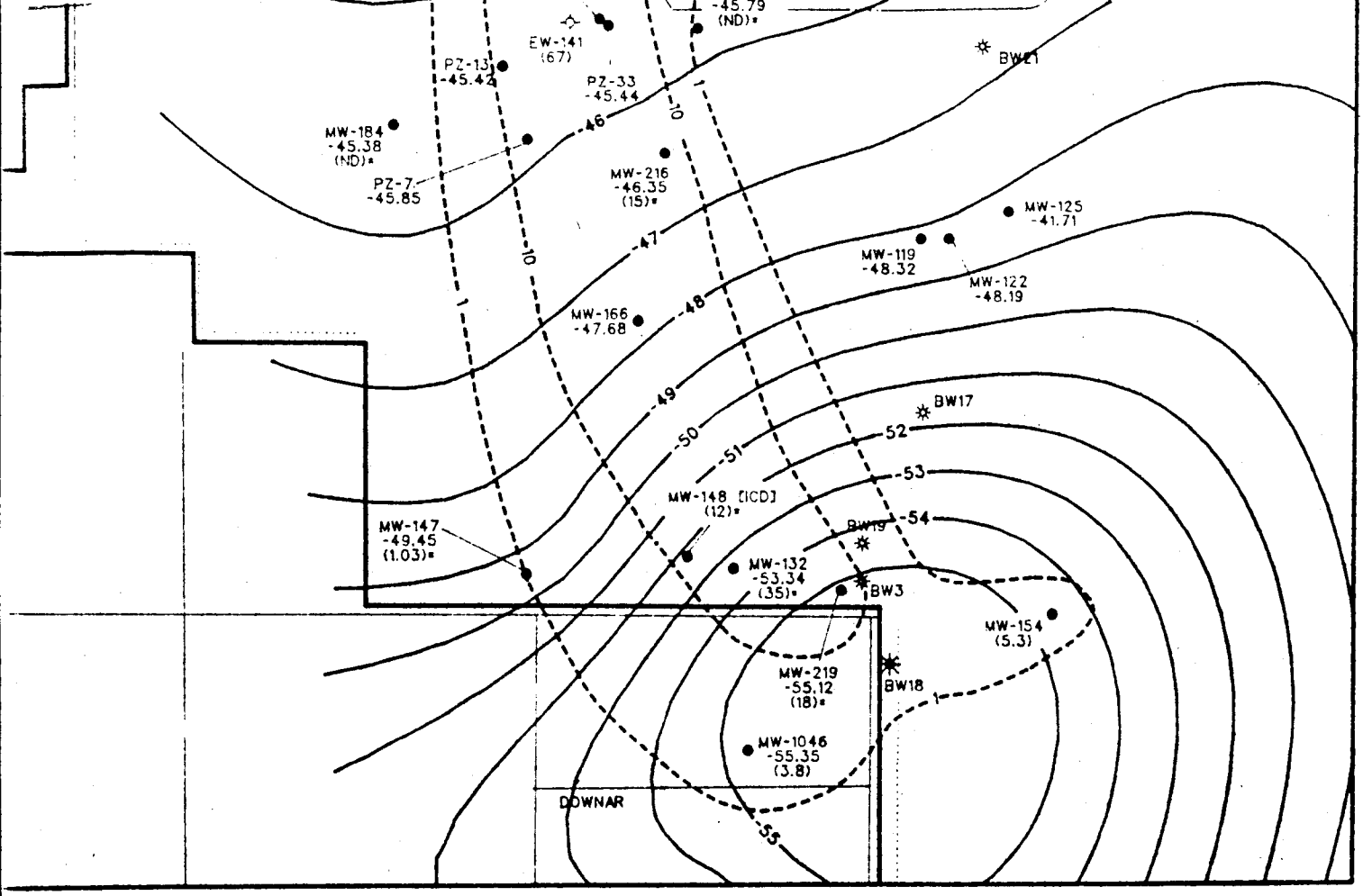
PL

WATER LEVEL
ESTIMATED TF
CONCENTRATIC
C ZONE
AND EXTR
Water Leve
June 2
TCE Data Collect

McCLE
Groundwa
& Analy
July-Sep

LATEST REVISION: VRL
GENERATED BY: VL LL
PEER REVIEW:
PROJECT REVIEW:

RAI
CORPO



LEGEND:

———	McCLELLAN AFB BOUNDARY
—·—·—	STREAMS/DRAINAGE (DOTTED WHERE COVERED)
⟡	EXTRACTION WELLS
•	MONITORING WELLS AND PIEZOMETERS
✱	WATER SUPPLY WELLS (INACTIVE)
✱	WATER SUPPLY WELLS (ACTIVE)
—42—	WATER LEVEL CONTOURS IN FEET MSL
(5.8)	TCE CONCENTRATIONS IN ug/L. SAMPLES COLLECTED DURING 2Q94.
(1.2)*	TCE CONCENTRATIONS IN ug/L. SAMPLES COLLECTED PRIOR TO 2Q94, BUT USED TO DRAW TCE ISOPLETH.
------	ESTIMATED ISOPLETH OF TCE CONCENTRATIONS USING DATA FROM JULY, 1991 THROUGH SEPTEMBER 1994. ISOPLETH INTERVAL: 10^Xug/L.

NOTE: WATER LEVEL CONTOURS GENERATED BY CPS-3® AND CORRECTED BY HAND. ONLY WELLS WITH WATER LEVEL VALUES SHOWN WERE USED FOR CONTOURING. GROUNDWATER DEPRESSIONS MAY NOT BE CENTERED ON PUMPING WELLS BECAUSE WATER LEVELS ARE NOT MEASURED. TCE VALUES WERE ROUNDED FOR EASE IN READING MAPS

N

0 1000
SCALE IN FEET

10

PLATE 4.

WATER LEVEL CONTOURS AND ESTIMATED TRICHLOROETHENE CONCENTRATION ISOPLETHS FOR C ZONE MONITORING AND EXTRACTION WELLS

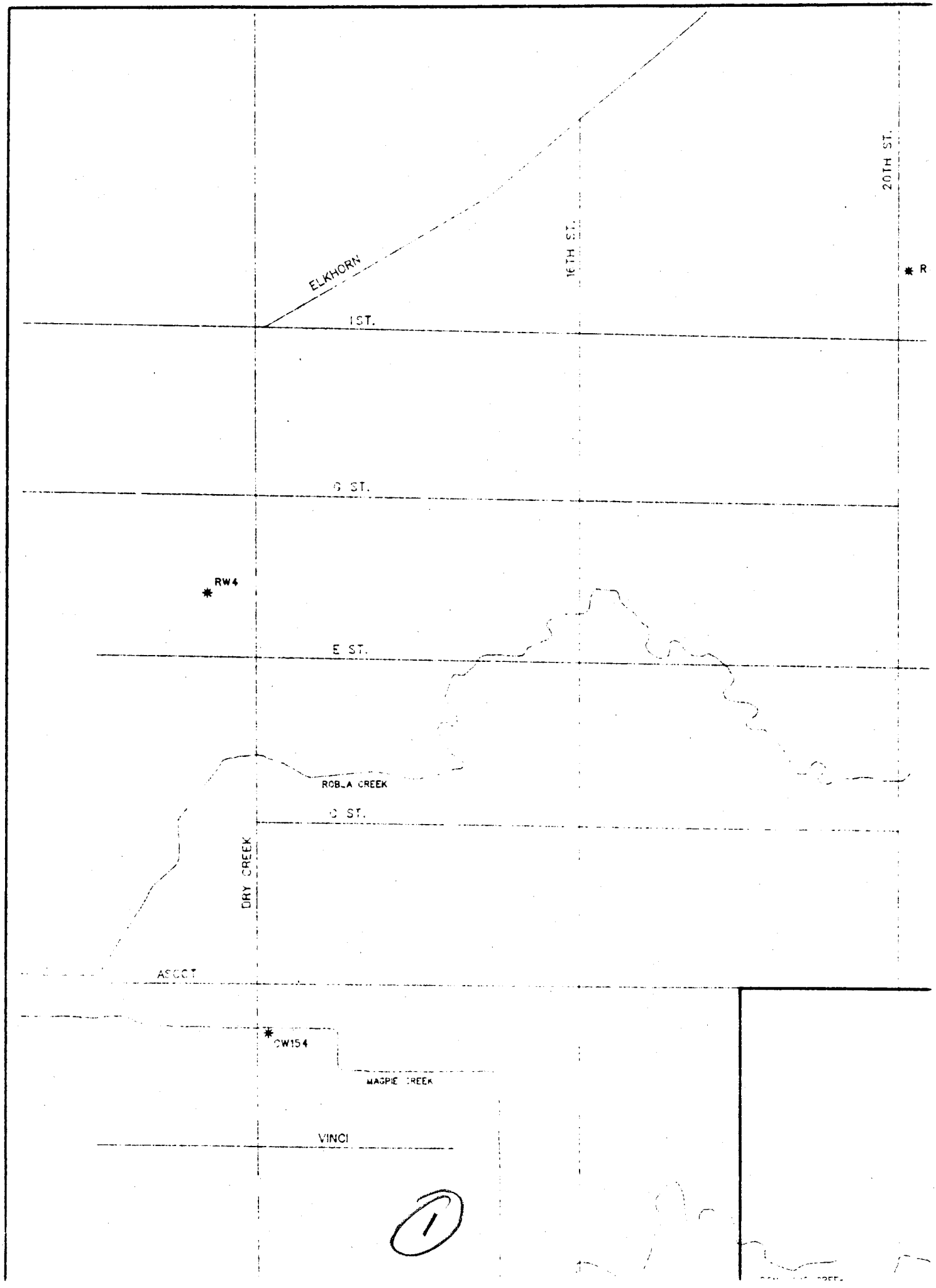
Water Level Data Collected
June 27-30, 1994
TCE Data Collected Third Quarter 1994

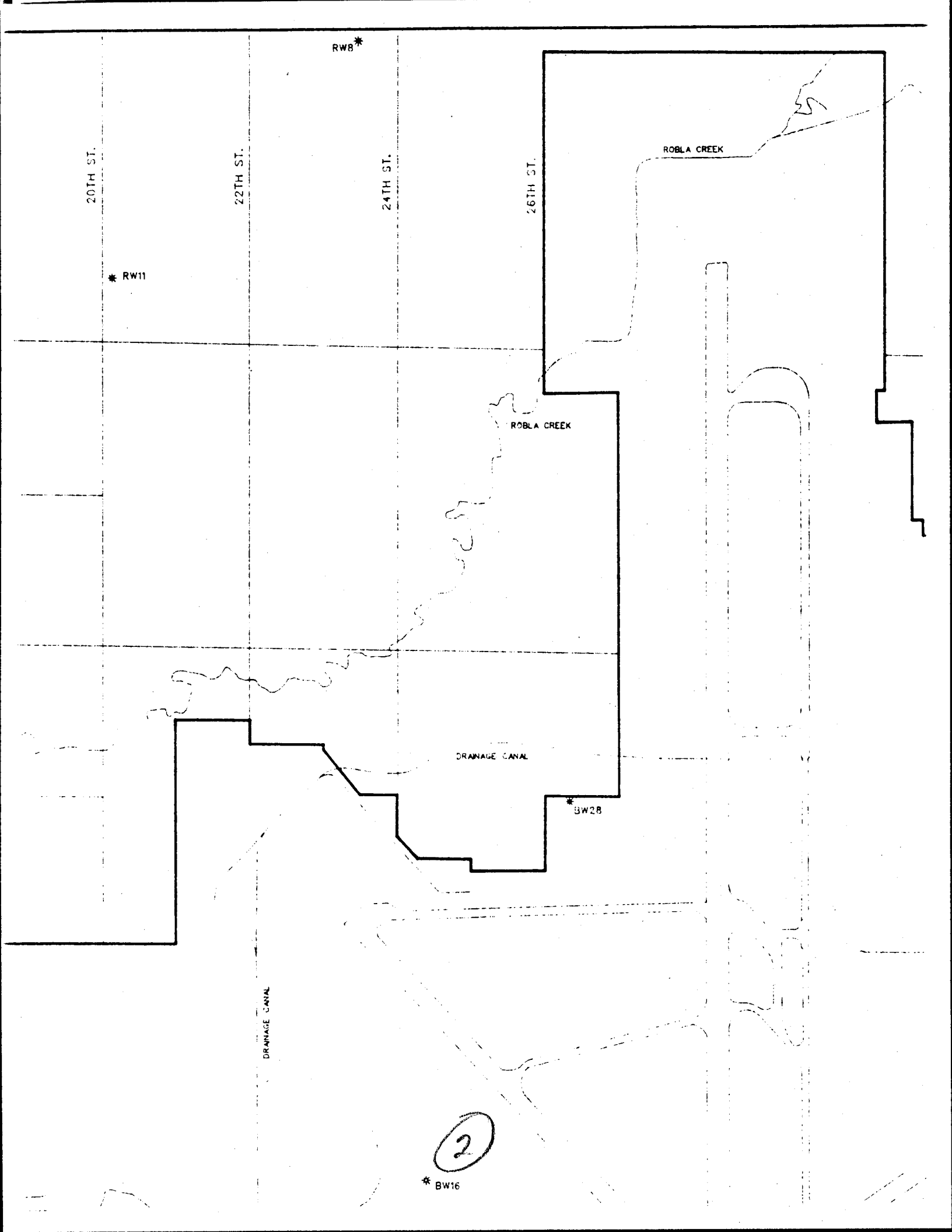
McCLELLAN AFB
Groundwater Sampling & Analysis Program

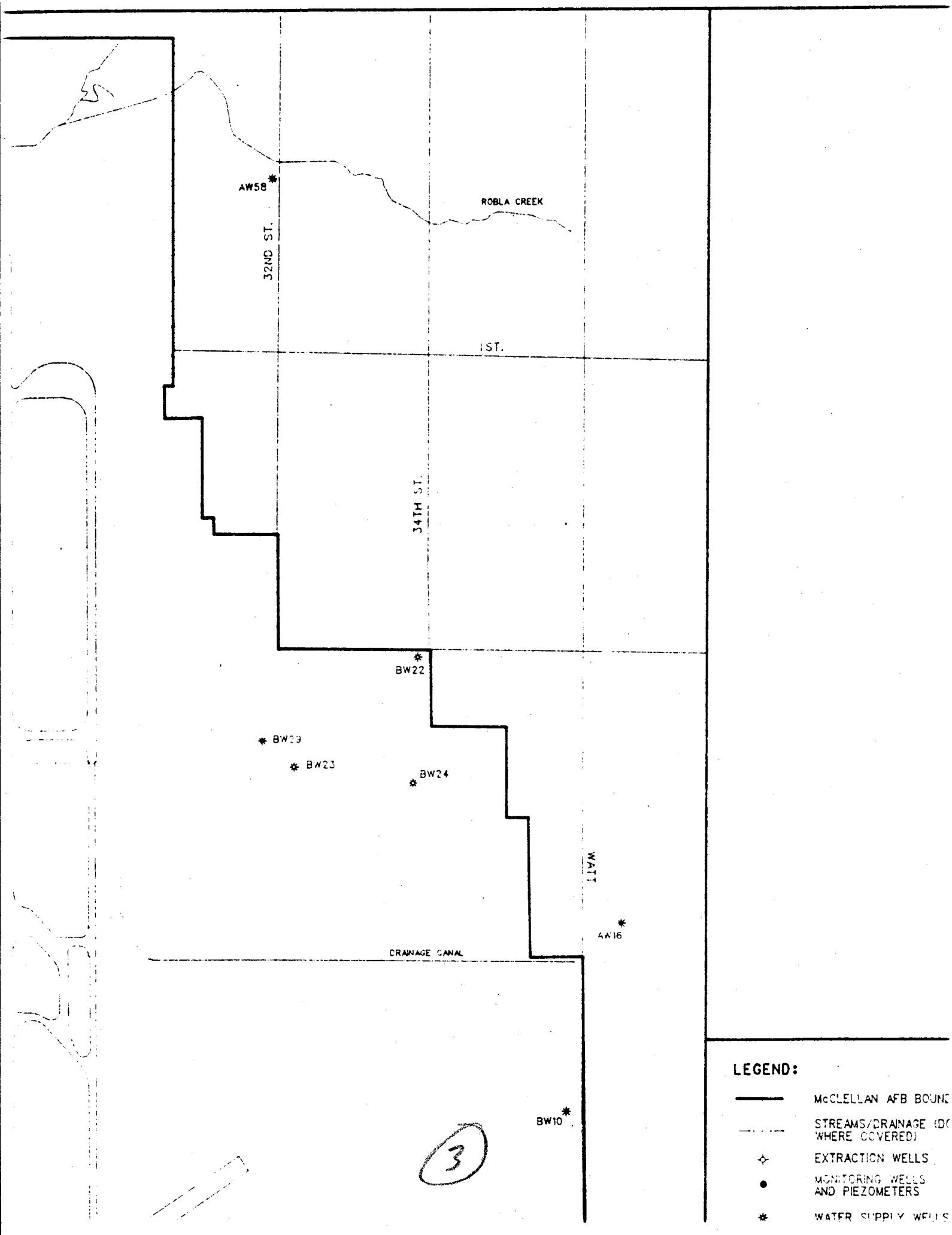
July-September 1994

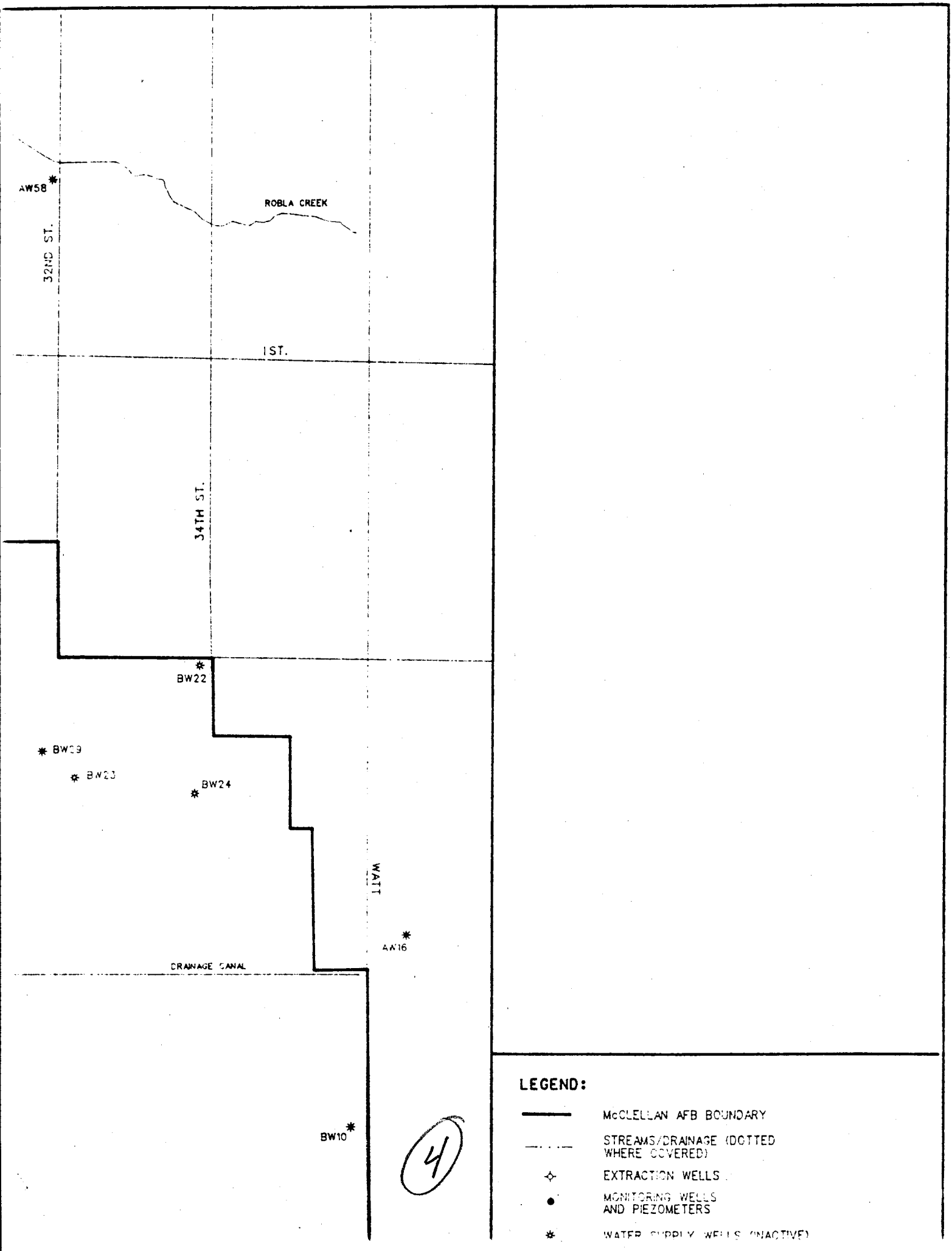
LATEST REVISION: VRL	DATE: 12-08-93
GENERATED BY: VR Lenarduzzi	DATE: 10/13/94
PEER REVIEW: Thomas Lindsey	DATE: 10/13/94
PROJECT REVIEW: Mike Thom	DATE: 10/13/94

RADIAN CORPORATION

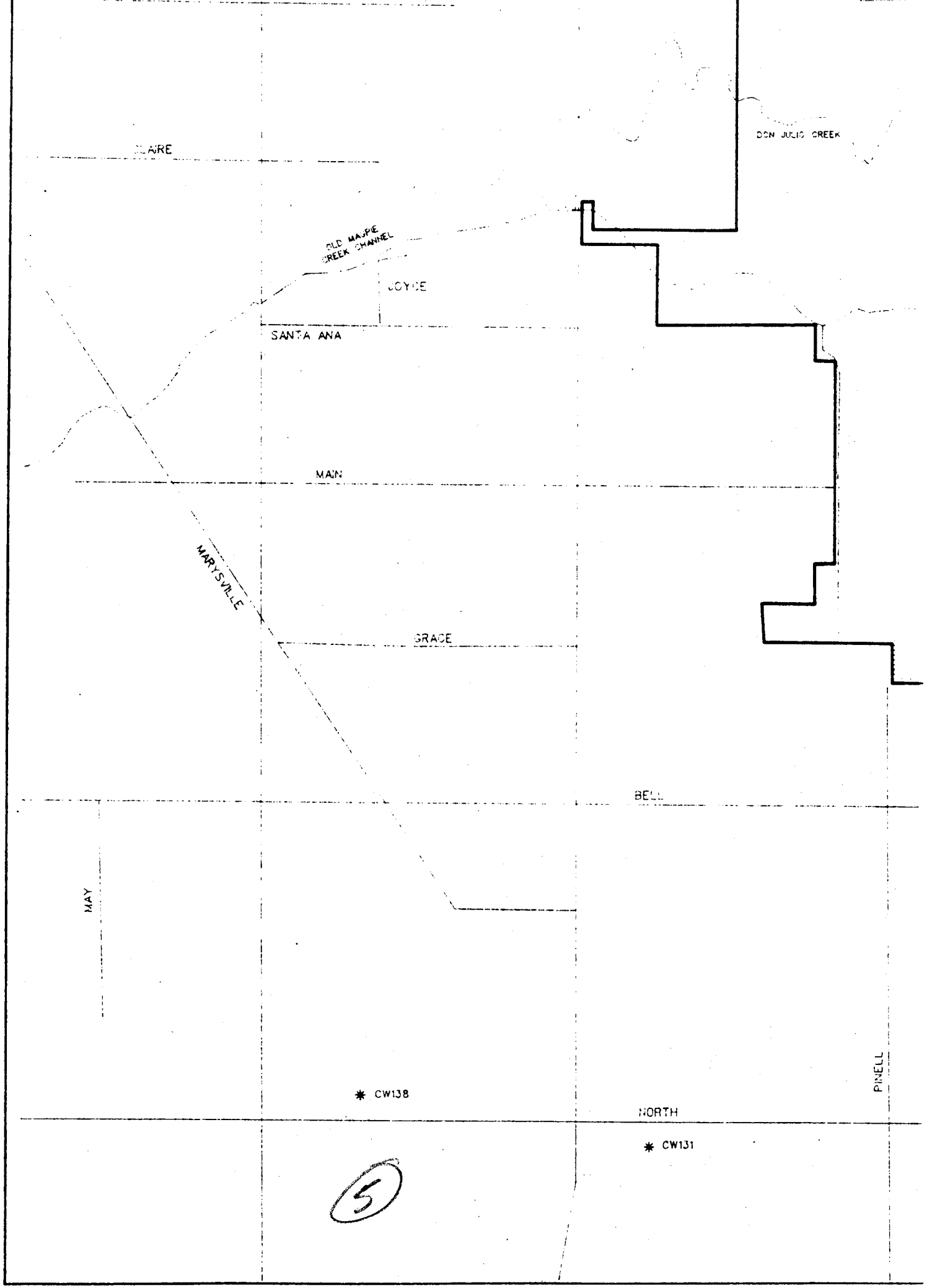

ELKHORN
1ST.
16TH ST.
20TH ST.
R
G ST.
RW4
E ST.
ROBLA CREEK
C ST.
DRY CREEK
ASCOT
CW154
MAGPIE CREEK
VINCI
1

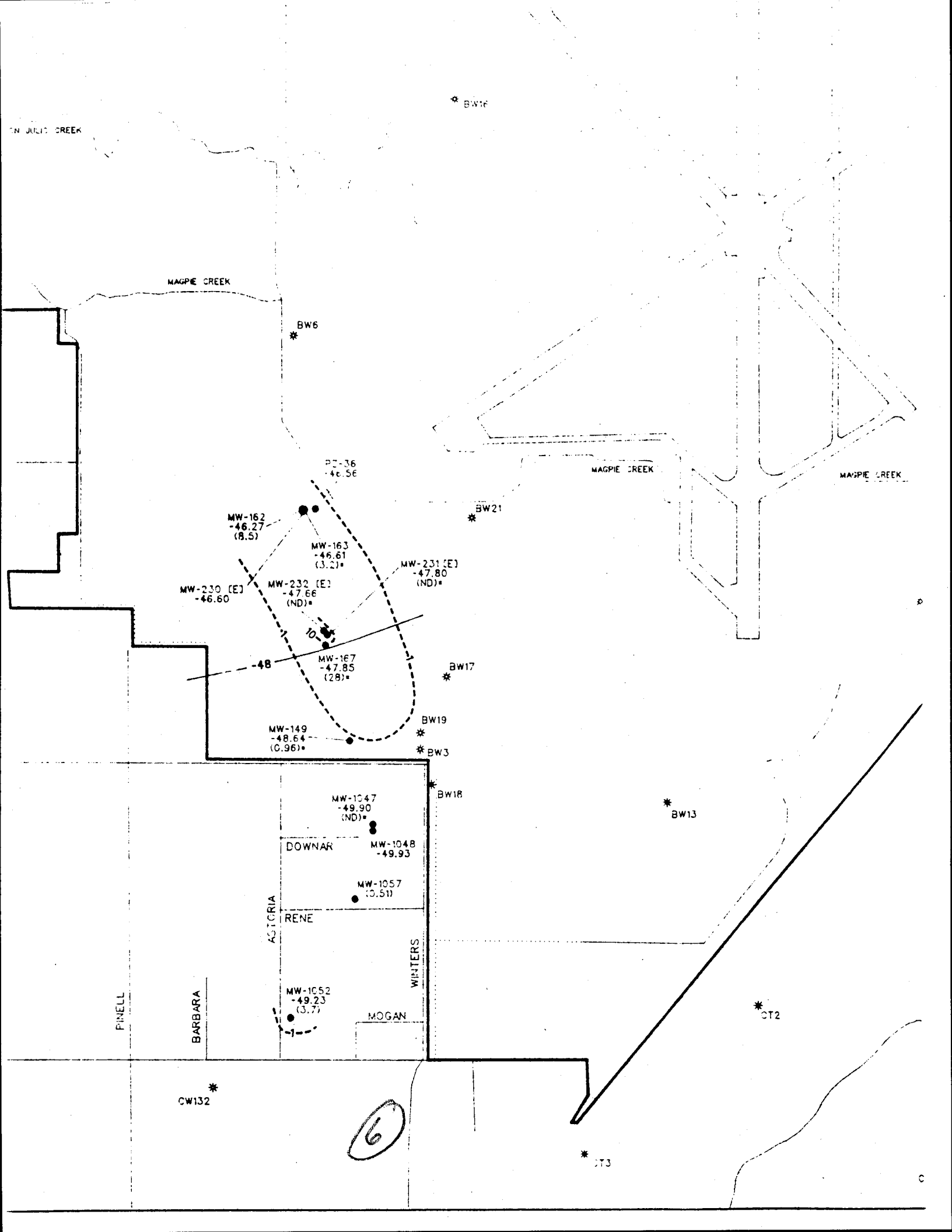

RW8
20TH ST.
22TH ST.
24TH ST.
26TH ST.
ROBLA CREEK
RW11
ROBLA CREEK
DRAINAGE CANAL
BW28
DRAINAGE CANAL
2
BW16

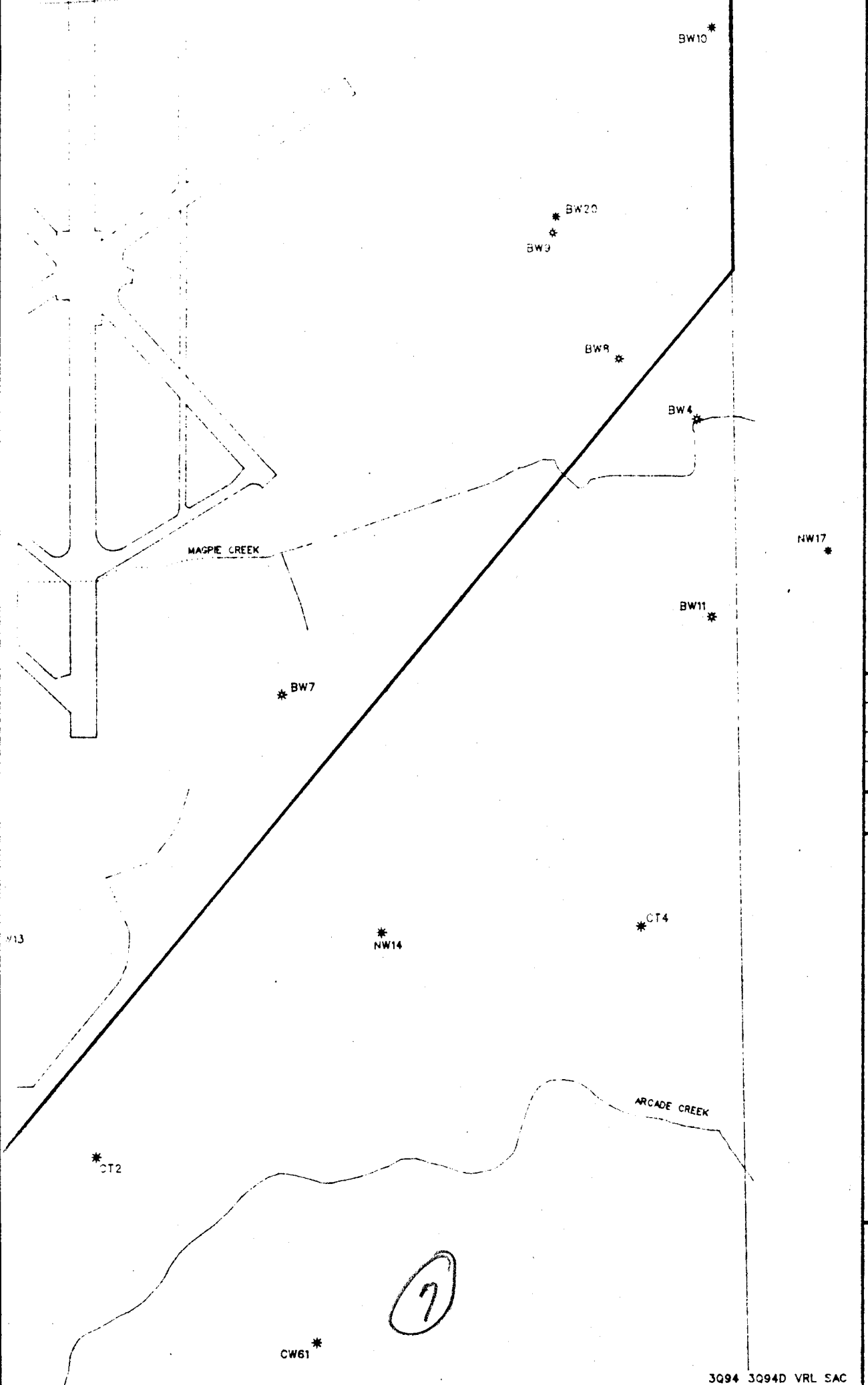

AW58
ROBLA CREEK
32ND ST.
1ST.
34TH ST.
BW22
BW39
BW23
BW24
WATT
AW16
DRAINAGE CANAL
BW10
3
LEGEND:
McCLELLAN AFB BOUNC
STREAMS/DRAINAGE (DC
WHERE COVERED)
EXTRACTION WELLS
MONITORING WELLS
AND PIEZOMETERS
WATER SUPPLY WELLS


AW58
ROBLA CREEK
32ND ST.
1ST.
34TH ST.
BW22
BW23
BW24
WAIT
AW16
DRAINAGE CANAL
BW10
LEGEND:
McCLELLAN AFB BOUNDARY
STREAMS/DRAINAGE (DOTTED WHERE COVERED)
EXTRACTION WELLS
MONITORING WELLS AND PIEZOMETERS
WATER SUPPLY WELLS (INACTIVE)

4


DON JULIO CREEK
BLAIRE
OLD MAPLE CREEK CHANNEL
COYOTE
SANTA ANA
MAIN
MARYSVILLE
GRACE
BELL
MAY
PINELL
CW138
NORTH
CW131
5


BW16
MAGPIE CREEK
BW6
MAGPIE CREEK
MAGPIE CREEK
PZ-36
-46.56
MW-162
-46.27
(8.5)
MW-163
-46.61
(3.2)
MW-231 (E)
-47.80
(ND)
MW-230 (E)
-46.60
MW-232 (E)
-47.66
(ND)
BW21
10
-48
MW-167
-47.85
(28)
BW17
BW19
MW-149
-48.64
(0.96)
BW3
BW18
BW13
MW-1047
-49.90
(ND)
DOWNAR
MW-1048
-49.93
MW-1057
(0.51)
RENE
ASTORIA
WINTERS
PINELL
BARBARA
MW-1052
-49.23
(3.7)
MOGAN
CT2
CW132
6
CT3



McCLELLAN

STREAMS/
WHERE GC

EXTRACTIO

MONITORIN
AND PIEZO

WATER SU

WATER SU

-42- WATER LE
FEET MSL.

(5.8) TCE CONCE
DURING 3Q

(1.2)* TCE CONCE
PRIOR TO

(ND) TCE NOT D

(E) E-ZONE WE
D-ZONE TO
CONTOUR.

ESTIMATED
USING DAT
SEPTEMBER

NOTE:
WATER LEVEL CONT
AND CORRECTED BY
WATER LEVELS SHO
TCE VALUES WERE
MAPS.

N

LATEST REVISION:

GENERATED BY:

PEER REVIEW:

PROJECT REVIEW:

WATER
AND ESTIMAT
CONCENTR
D-ZC
AND E

Water
June

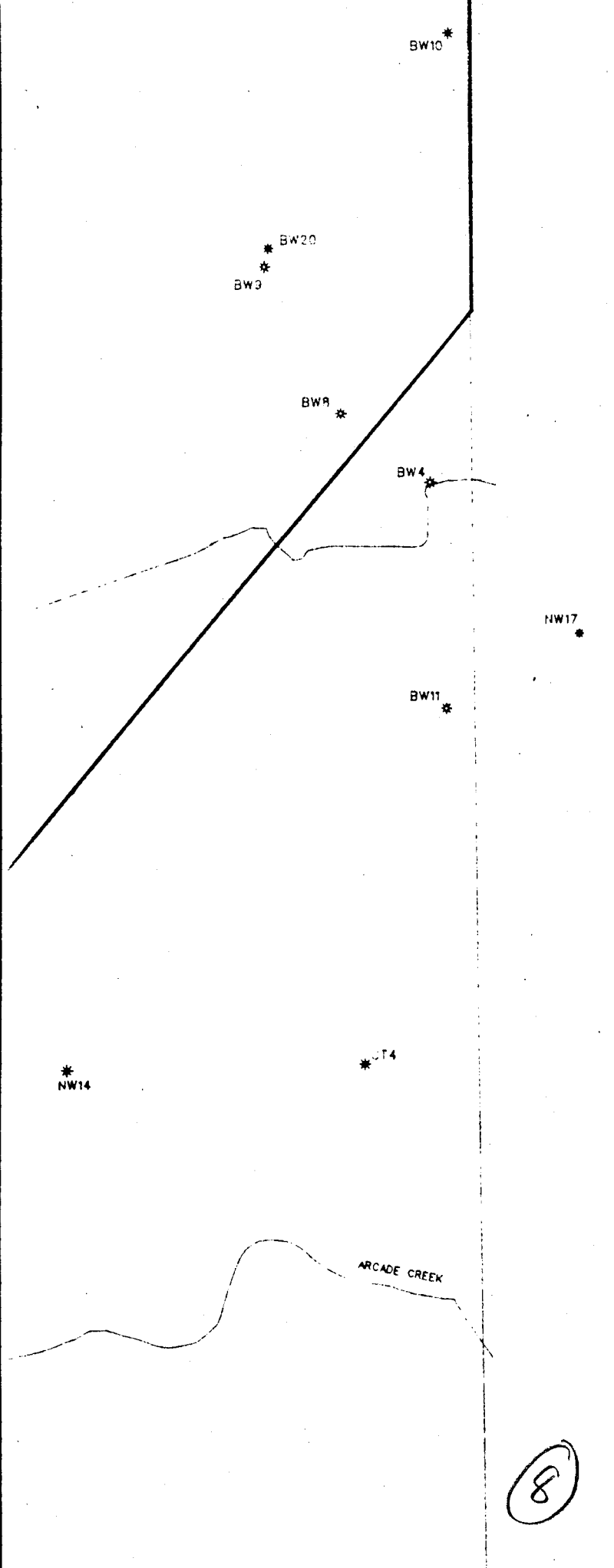
TCE Data Co

Mc
Grou
& A

July-

RA
CORP

3Q94 3Q94D VRL SAC



———	McCLELLAN AFB BOUNDARY
— · — · —	STREAMS/DRAINAGE (DOTTED WHERE COVERED)
✧	EXTRACTION WELLS
●	MONITORING WELLS AND PIEZOMETERS
✱	WATER SUPPLY WELLS (INACTIVE)
✱	WATER SUPPLY WELLS (ACTIVE)
—42—	WATER LEVEL CONTOURS IN FEET MSL
(5.8)	TCE CONCENTRATIONS IN ug/L. SAMPLES COLLECTED DURING 3Q94.
(1.2)*	TCE CONCENTRATIONS IN ug/L. SAMPLES COLLECTED PRIOR TO 3Q94, BUT USED TO DRAW TCE ISOPLETH.
(ND)	TCE NOT DETECTED.
(E)	E-ZONE WELL. NOT USED TO CALCULATE D-ZONE TCE ISOPLETH OR WATER LEVEL CONTOUR.
------	ESTIMATED ISOPLETH OF TCE CONCENTRATIONS USING DATA FROM JULY, 1992 THROUGH SEPTEMBER 1994. ISOPLETH INTERVAL: 10^{X}ug/L.

NOTE:
WATER LEVEL CONTOURS GENERATED BY CPS-3 ® AND CORRECTED BY HAND. ONLY WELLS WITH WATER LEVELS SHOWN WERE USED FOR CONTOURING. TCE VALUES WERE ROUNDED FOR EASE IN READING MAPS.

N

0 1000
SCALE IN FEET

LATEST REVISION: VRL	DATE: 12-08-93
GENERATED BY: K. [illegible]	DATE: 10/13/94
PEER REVIEW: [illegible]	DATE: 10/13/94
PROJECT REVIEW: [illegible]	DATE: 10/13/94

PLATE 5.

WATER LEVEL CONTOURS AND ESTIMATED TRICHLOROETHENE CONCENTRATION ISOPLETHS FOR D-ZONE MONITORING AND EXTRACTION WELLS

Water Level Data Collected June 28 and 29, 1994

TCE Data Collected Third Quarter, 1994

McCLELLAN AFB Groundwater Sampling & Analysis Program

July-September 1994

RADIAN CORPORATION

8

3Q94 3Q94D VRL SAC